

Water Efficiency Calculator Summary



Client: Wates
Project: One Horton Heath

Revision: A

House Type	Total Water Consumption (Litres/Person/Day)
A1 - AFFORDABLE	94.4
A1 - SO	94.8
A2 - OMS	94.8
B3 - AFFORDABLE	94.4
B3 - OMS / PRS / SO	95.0
C1 - OMS	95.0
F1 - OMS / PRS	95.0
FOG - AFFORDABLE	94.4
FOG - PRS	93.9
H1 - OMS / PRS	93.9
H2 - OMS / PRS	93.9

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: A1 Affordable

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)	4	1.46	0.00	5.84
	Part flush volume (litres)	2.6	2.96	0.00	7.70
WCs (multiple fittings)	Average effective flushing volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	155	0.11	0.00	17.05
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.22
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			89.38
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			94.4

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD CISTERN 4/2.6L E896701	13.54
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE IRS BAS C (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 x 700 SUPERSTEEL 155L BATH 2TH 111800210001	17.05
SHOWERS (BATH(S) PRESENT)	BRISTAN IRIS BATH SHOWER MIXER IRS BSM C	26.22
KITCHEN TAPS	BRISTAN CINNAMON CHROME SINK MIXER WITH EASY FIT BASE CNN EFSNK C TO (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	UNKNOWN MAKE / MODEL	17.16
DISHWASHER	UNKNOWN MAKE / MODEL	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: A1 SO

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.28	4.42	0.00	14.4976
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.63
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			89.76
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			94.8

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.50
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	MAKE / MODEL UNKNOWN	17.16
DISHWASHER	MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: A2 OMS

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.28	4.42	0.00	14.4976
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.63
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			89.76
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			94.8

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.50
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	MAKE / MODEL UNKNOWN	17.16
DISHWASHER	MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: B3 Affordable

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)	4	1.46	0.00	5.84
	Part flush volume (litres)	2.6	2.96	0.00	7.70
WCs (multiple fittings)	Average effective flushing volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	155	0.11	0.00	17.05
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.22
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			89.38
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			94.4

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD CISTERN 4/2.6L E896701	13.54
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE IRS BAS C (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 x 700 SUPERSTEEL 155L BATH 2TH 111800210001	17.05
SHOWERS (BATH(S) PRESENT)	BRISTAN IRIS BATH SHOWER MIXER IRS BSM C	26.22
KITCHEN TAPS	BRISTAN CINNAMON CHROME SINK MIXER WITH EASY FIT BASE CNN EFSNK C TO (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	UNKNOWN MAKE / MODEL	17.16
DISHWASHER	UNKNOWN MAKE / MODEL	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: B3 OMS, PRS, SO

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.35	4.42	0.00	14.807
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.94
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			90.04
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			95.0

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.81
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN) BRISTAN FRENZY COOL TOUCH EXPOSED SHOWER VALVE AND RISER RAIL KIT (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	PRS: INDESIT / MODEL UNKNOWN. OMS, SO: MAKE / MODEL UNKNOWN	17.16
DISHWASHER	PRS: INDESIT / MODEL UNKNOWN. OMS, SO: MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: C1 OMS

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.35	4.42	0.00	14.807
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.94
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			90.04
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			95.0

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.50
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN) BRISTAN FRENZY COOL TOUCH EXPOSED SHOWER VALVE AND RISER RAIL KIT (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	MAKE / MODEL UNKNOWN	17.16
DISHWASHER	MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: F1 OMS, PRS

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.35	4.42	0.00	14.807
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.94
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			90.04
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			95.0

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.81
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN) BRISTAN FRENZY COOL TOUCH EXPOSED SHOWER VALVE AND RISER RAIL KIT (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	PRS: INDESIT / MODEL UNKNOWN, OMS: MAKE / MODEL UNKNOWN	17.16
DISHWASHER	PRS: INDESIT / MODEL UNKNOWN, OMS: MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: FOG Affordable

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)	4	1.46	0.00	5.84
	Part flush volume (litres)	2.6	2.96	0.00	7.70
WCs (multiple fittings)	Average effective flushing volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	155	0.11	0.00	17.05
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
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Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			98.22
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			89.38
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			94.4

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD CISTERN 4/2.6L E896701	13.54
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE IRS BAS C (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 x 700 SUPERSTEEL 155L BATH 2TH 111800210001	17.05
SHOWERS (BATH(S) PRESENT)	BRISTAN IRIS BATH SHOWER MIXER IRS BSM C	26.22
KITCHEN TAPS	BRISTAN CINNAMON CHROME SINK MIXER WITH EASY FIT BASE CNN EFSNK C TO (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	UNKNOWN MAKE / MODEL	17.16
DISHWASHER	UNKNOWN MAKE / MODEL	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: FOG PRS

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)	4	1.46	0.00	5.84
	Part flush volume (litres)	2.6	2.96	0.00	7.70
WCs (multiple fittings)	Average effective flushing volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			97.67
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			88.88
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			93.9

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	13.54
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	PRS: INDESIT / MODEL UNKNOWN	17.16
DISHWASHER	PRS: INDESIT / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: H1 OMS, PRS

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.06	4.42	0.00	13.5252
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			97.66
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			88.87
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			93.9

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.81
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN) BRISTAN FRENZY COOL TOUCH EXPOSED SHOWER VALVE AND RISER RAIL KIT (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	PRS: INDESIT / MODEL UNKNOWN, OMS: MAKE / MODEL UNKNOWN	17.16
DISHWASHER	PRS: INDESIT / MODEL UNKNOWN, OMS: MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.

Water Efficiency Calculator



Client: Wates

Project: One Horton Heath

House Type: H2 OMS, PRS

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)
WC (single flush)	Flush volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush volume (litres)		1.46	0.00	0.00
	Part flush volume (litres)		2.96	0.00	0.00
WCs (multiple fittings)	Average effective flushing volume (litres)	3.06	4.42	0.00	13.5252
Taps (excluding kitchen/utility room taps)	Flow rate (litres/minute)	3	1.58	1.58	6.32
Bath (where shower also present)	Capacity to overflow (litres)	150	0.11	0.00	16.50
Shower (where bath also present)	Flow rate (litres/minute)	6	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)	7	0.44	10.36	13.44
Washing machine	Litres/kg dry load	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use		3.08	0.00	0.00
Water softener	Litres/person/day		1.00	0.00	0.00
	(5)	Total calculated use = (Sum column 4)			97.66
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			N/A
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			N/A
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] = (8)			88.87
	(10)	External water use			5.00
	(11)	Total water consumption = (9) + (10) (litres/person/day)			93.9

Installation type	Make / Model (Mandatory)	Litres/ person/day
WC (DUAL FLUSH)	IDEAL STANDARD TESI CLOSE COUPLED CISTERN 4/2.6L DUAL FLUSH T3569 IDEAL STANDARD CONCEALA 3 CISTERN S332667 (4/2.6L)	14.81
TAPS	BRISTAN IRIS BASIN MIXER C/W CLICKER WASTE (RESTRICTED TO 3L/MIN)	6.32
BATHS (SHOWER(S) PRESENT)	KALDEWEI SANIFORM PLUS 1700 X 700 SUPERSTEEL 150L BATH 111800200001	16.50
SHOWERS (BATH(S) PRESENT)	BRISTAN ARTISAN CONCEALED 2 WAY SHOWER VALVE AR3 SHCDIV C (RESTRICTED TO 6L/MIN) BRISTAN FRENZY COOL TOUCH EXPOSED SHOWER VALVE AND RISER RAIL KIT (RESTRICTED TO 6L/MIN)	26.22
KITCHEN TAPS	AGA RANGEMASTER MONORISE TAP TMR1CN (RESTRICTED TO 7L/MIN)	13.44
WASHING MACHINES	PRS: INDESIT / MODEL UNKNOWN, OMS: MAKE / MODEL UNKNOWN	17.16
DISHWASHER	PRS: INDESIT / MODEL UNKNOWN, OMS: MAKE / MODEL UNKNOWN	4.50

Note, where the specific make and model of the washing machines and dishwashers are unknown, an assumed value has been entered.