

| 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) | 139.00 | 0.11 | 0.00 | 15.29 |
| Shower (where bath also present) | Flow Rate(litres / minute) | 8.00 | 4.37 | 0.00 | 34.96 |
| 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) | 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) | | | 107.71 |
| | (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) | | | 98.02 |
| | (10) | External water use | | | 5.0 |
| | (11) | Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day) | | | 103.0 |

| 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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| 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="7.85"/> |
| Total (Sum of all Quantities) (d) | | | 2 | |
| Total (Sum of all totals per fitting type) (e) | | | | 7.85 |
| Average effective flushing volume (litres)=(e)/(d) | | | | 3.93 |
| <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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| 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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| Kitchen Taps | TAP3562 Lamona Garda S | 14.25 |
| Washing Machines | AEG L7WE7631B1 | 13.48 |
| Dishwasher | AEG FSB42607Z | 2.74 |



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| Bath Fitting Type | Capacity to overflow(litres) (a) | Quantity (No.) (b) | Total per Fitting Type =(a)x(b) (c) |
|---|-------------------------------------|--------------------------------|---|
| Are there any showers present? | <input checked="" type="checkbox"/> | | |
| 1 | <input type="text" value="139"/> | <input type="text" value="2"/> | 278.00 |
| 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) | | 2 | |
| Total (Sum of all totals per fitting type) (e) | | | 278.00 |
| Average capacity to overflow(litres) = [(e)/(d)] | | | 139.00 |
| Maximum Capacity to overflow (litres) (f) | | | 139.00 |
| Weighted Average capacity to overflow(litres) = [(f)x0.7] | | | 97.30 |
| <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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| 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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| 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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| 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 checked="" type="checkbox"/> | | |
| 1 | 8 | 2 | 16.00 |
| 2 | | | 12.00 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| Total (Sum of all Quantities) (d) | | 2 | |
| Total (Sum of all totals per fitting type) (e) | | | 16.00 |
| 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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| 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 |
| Baths (shower(s) present) | Ideal Standard Tesi Watersaving Single Ended Bath - T000901 | 15.29 |
| Showers (bath(s) present) | Idealrain M1 Shower Kit | 34.96 |
| Kitchen Taps | TAP3562 Lamona Garda S | 14.25 |
| Washing Machines | AEG L7WE7631B1 | 13.48 |
| Dishwasher | AEG FSB42607Z | 2.74 |



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