

# GEW151-14

## Table 702.1

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**Revise as follows:**

**TABLE 702.1  
MAXIMUM FIXTURE AND FITTING FLOW RATES AND QUANTITIES  
FOR REDUCED WATER CONSUMPTION<sup>1,a</sup>**

| FIXTURE OR FIXTURE FITTING TYPE  | MAXIMUM FLOW RATE                                 |
|--|---|
| Showerhead <sup>a</sup>  | 2.0 gpm <u>at 80 psi</u> and WaterSense labeled   |
| Lavatory faucet and bar sink—private                                     | 1.5 gpm <u>at 60 psi</u>                          |
| Lavatory faucet—public (metered)   | 0.25 gpc <sup>b</sup>                             |
| Lavatory faucet—public (nonmetered)                                      | 0.5 gpm <u>at 60 psi</u>                          |
| Kitchen faucet—private   | <del>2.2 gpm</del> <u>1.8 gpm at 60 psi</u>       |
| Kitchen and bar sink faucets in other than dwelling units and guestrooms | 2.2 gpm <u>at 60 psi</u>                          |
| Urinal   | 0.5 gpf and WaterSense labeled or nonwater urinal |
| Water closet—public and remote <sup>c</sup>                              | 1.6 gpf   |
| Water closet—public and nonremote  | 1.28 gpf average <sup>d, e</sup>                  |
| Water closet-tank type, private  | 1.28 gpf and WaterSense labeled <sup>d</sup>      |
| Water closet—flushometer type, private                                   | 1.28 gpf <sup>e</sup>                             |
| Prerinse spray valves  | 1.3 gpm <u>and Watersense labeled</u>             |
| Drinking fountains (manual)  | 0.7 gpm   |
| Drinking fountains (metered)   | 0.25 gpc <sup>b</sup>                             |

For SI: 1 foot = 304.8 mm, 1 gallon per cycle (gpc) = 3.8 Lpc, 1 gallon per flush (gpf) = 3.8 Lpf, 1 gallon per minute (gpm) = 3.8 Lpm, 1 pound per square inch = 6.895 kPa.

a. Includes hand showers, body sprays, rainfall panels and jets. Showerheads shall be supplied by automatic compensating valves that comply with ASSE 1016 or ASME A112.18.1/CSA B125.1 and that are specifically designed to function at the flow rate of the showerheads being used.

b. Gallons per cycle of water volume discharged from each activation of a metered faucet.

c. A remote water closet is a water closet located not less than 30 feet upstream of other drain line connections or fixtures and is located where less than 1.5 drainage fixture units are upstream of the drain line connection.

d. The effective flush volume for a dual-flush water closet is defined as the composite, average flush volume of two reduced flushes and one full flush.

e. In public settings, the maximum water use of a dual flush water closet is based solely on its full flush operation; not an average of full and reduced volume flushes.

f. Bottle filling stations associated with drinking fountains shall not have limitations for flow rate.

g. Where a faucet has a pot filler mode, the flow shall not exceed 22 gpm at 60 psi. Such faucets shall automatically return to the flow rate indicated in table when the pot filler mode activation mechanism is released or when the faucet flow is turned off.

**Reason:** New footnote f: Bottle fillers were added to the IPC as an option for use with drinking fountains. If they are used exclusively to fill bottles, limitations on their flowrate will not save water.

**NOTE: This version of the code change proposal has been updated to include all reported errata.**

New footnote g and tabel change: Kitchen faucet provisions have been modified in CalGreen and ASHRAE 189.1 to make 1.8 the maximum flowrate, but to allow for a "pot-filler mode" at a higher flowrate. This portion of the change is submitted for consistency.

EPA WaterSense program has finalized a product specification for Pre-Rinse Spray Valves that requires both water savings and basic levels of performance. With

As seen in the revised table pressures have been added under the applicable fixtures flow rate: Flow is a function of pressure, so pressure must be added to properly identify flowrate. This approach aligns it with the IPC, Table 604.4

"Or Quantity" has been added to reflect the fact that some are not flowrates, such as metered faucets, toilets or urinals. This wording matches IPC Table 604.4 nomenclature.

**Cost Impact:** Will not increase the cost of construction.

**GEW151-14: TABLE702.1-STRAUSBAUGH706**

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