

PLUMBING FIXTURE FLOW RATES

Non-Residential Occupancies
2011 Los Angeles Green Building Code
(Incorporate this form into the plans)

FORM GRN 17

**TABLE 5.303.2.3
FIXTURE FLOW RATES**

FIXTURE TYPE	MAXIMUM ALLOWABLE FLOW RATE
Showerheads	2 gpm @ 80 psi
Lavatory faucets, residential	1.5 gpm @ 60 psi ¹
Lavatory Faucets, nonresidential	0.4 gpm @ 60 psi ³
Kitchen faucets	1.8 gpm @ 60 psi ²
Wash fountains	1.8 [rim space (in.) / 20 Gpm @ 60 psi]
Metering faucets	0.2 gallons/cycle
Metering faucets for wash fountains	.20 [rim space (in.) / 20 Gpm @ 60 psi]
Gravity tank type water closets	1.28 gallons/flush ¹
Flushometer tank water closets	1.28 gallons/flush ¹
Flushometer valve water closets	1.28 gallons/flush ¹
Urinals	.125 gallons/flush

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FIXTURE TYPE	MAXIMUM ALLOWABLE FLOW RATE
Showerheads	2 gpm @ 80 psi
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Gravity tank type water closets	1.28 gallons/flush ¹
Flushometer tank water closets	1.28 gallons/flush ¹
Flushometer valve water closets	1.28 gallons/flush ¹
Urinals	0.125 gallons/flush

¹ Lavatory Faucets shall not have a flow rate less than 0.8 gpm at 20 psi.

² Kitchen faucets may temporarily increase flow above the maximum rate, but not above 2.2gpm @ 60psi and must default to a maximum flow rate of 1.8 gpm @ 60psi.

³ Where complying faucets are unavailable, aerators rated at .35 gpm or other means may be used to achieve reduction.

⁴ Includes single and dual flush water closets with an effective flush of 1.28 gallons or less.

Single Flush Toilets - The effective flush volume shall not exceed 1.28 gallons (4.8 liters). The effective flush volume is the average flush volume when tested in accordance with ASME A112.19.233.2.

Dual Flush Toilets - The effective flush volume shall not exceed 1.28 gallons (4.8 liters). The effective flush volume is defined as the composite, average flush volume of two reduced flushes and one full flush. Flush volumes will be tested in accordance with ASME A112.19.2 and ASME A112.19.14.