



SECTION 604 DESIGN OF BUILDING WATER DISTRIBUTION SYSTEM

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*Revise Table 604.4 ‘Maximum Flow Rates and Consumption for Plumbing Fixtures and Fixture Fittings’ to read as follows:

**TABLE 604.4
MAXIMUM FLOW RATES AND CONSUMPTION FOR
PLUMBING FIXTURES AND FIXTURE FITTINGS**

PLUMBING FIXTURE OR FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY ^b
Lavatory, private	1.5 ^f gpm at 60 psi
Lavatory, public (metering)	0.25 gallon per metering cycle
Lavatory, public (other than metering)	0.5 gpm at 60 psi
Shower head ^a	2.5 gpm at 60 ^f psi
Sink faucet	2.0 ^f gpm at 60 psi
Urinal	0.5 ^f gallons per flushing cycle
Water closet	1.28 ^{c, d, e, f} gallons per flushing cycle

For SI: 1 gallon = 3.785 L, 1 gallon per minute = 3.785 L/m, 1 pound per square inch = 6.895 kPa.

- a. A hand-held shower spray is a shower head.
- b. Consumption tolerances shall be determined from referenced standards.
- c. For flushometer valves and flushometer tanks, the average flush volume shall not exceed 1.28 gallons.
- d. For single flush water closets, including gravity, pressure assisted and electro-hydraulic tank types, the average flush volume shall not exceed 1.28 gallons.
- e. For dual flush water closets, the average flush volume of two reduced flushes and one full flush shall not exceed 1.28 gallons.
- f. See 2020 GA Amendment to Section 301.1.2 ‘Waiver from requirements of high efficiency plumbing fixtures.’

(Effective January 1, 2020)

Tips on hiring contractors

- Hire only licensed contractors.
- Get at least 3 bids.
- Get 3 references, and ask to see a project.
- Get it in writing, but before you sign the contract, make sure you completely understand.
- Do not make final payment until you have received a Certificate of Occupancy (CO) and until you are satisfied.

All construction must conform to the current adopted codes with State of Georgia Amendments

- 2018 International Residential Code
- 2018 International Building Code 2018
- International Energy Efficiency Code
- 2018 International Mechanical Code
- 2018 International Plumbing Code
- 2018 International Swimming pool and Spa Code
- 2020 National Electrical Code
- 2010 Georgia ADA Code

Construction Code Amendments can be downloaded at:
<https://www.dca.ga.gov/local-government-assistance/construction-codes-industrialized-buildings/construction-codes>

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