

SECTION 7.1 WATER CONSERVATION PLUMBING STANDARDS

A. Definitions

In this section, unless the context otherwise requires:

1. “Commercial, industrial and public construction” means buildings used for commercial, industrial or public purposes, including restaurants, bars, nightclubs, public buildings, comfort stations, schools, gymnasias, factories, offices, athletic clubs, hotels and motels.
2. “Person” means an individual, public or private corporation, company, partnership, firm, association, society, estate or trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this state.
3. “Plumbing fixture” means a lavatory faucet, lavatory faucet replacement aerator, kitchen faucet, kitchen faucet replacement aerator, shower head, urinal, water closet, evaporative cooler or decorative fountain. Plumbing fixture does not include parts necessary for routine maintenance.
4. “PSI” means pounds per square inch of water pressure.
5. “Residential construction” or “residential dwelling” means buildings used for temporary or permanent human habitation, including single family residences and accessory guest houses, multi-family dwellings, townhouses, condominiums, apartments, the sleeping quarters of hotels and motels, dormitories and group housing units.
6. “Urinal” means a fixture that consists of a water flushed bowl, and any associated flush valve, and that is used for the disposal of human urine.
7. “Water closet” means a fixture that consists of a water flushed bowl, and any associated flush valve, and that is used for the disposal of all wastes from the human body.
8. “Water free urinal” means a plumbing fixture that does not require a water supply or flushing device to receive and convey only liquid waste through a trap seal and into the gravity drainage system for such function and that meets the requirements of the American society of mechanical engineers (ASME) standard A112.19.2M-95 or the American national standards institute (ANSI) standard Z124.9-94 or any equivalent standard.

B. Plumbing fixtures; residential construction

In addition to the requirements of the adopted plumbing code, no person may install or replace any plumbing fixture for use in the unincorporated area of Gila County in any

new or existing residential construction, unless the fixtures meet the following water saving performance standards:

1. Lavatory faucets and replacement aerators shall be designed to deliver no more than an average of three (3) gallons of water per minute at a pressure of eighty PSI or shall be equipped with permanent flow control devices that allow delivery of no more than an average of three gallons of water per minute at a pressure of eighty PSI.
2. Kitchen faucets and replacement aerators shall be designed to deliver no more than an average of three (3) gallons of water per minute at a pressure of eighty PSI or shall be equipped with permanent flow control devices that allow delivery of no more than an average of three gallons of water per minute at a pressure of eighty PSI.
3. Shower heads shall be designed to deliver no more than an average of three (3) gallons of water per minute at a pressure of eighty PSI.
4. Water closets shall be designed to use no more than an average of one and six-tenths gallons of water per flush.
5. Urinals shall be designed to use no more than an average of one gallon of water per flush. No urinals may be installed that use a timing device to flush periodically regardless of demand.
6. Evaporative cooling systems and decorative fountains shall be equipped with water recycling or reuse systems.

C. Plumbing fixtures; commercial, industrial and public construction

In addition to the requirements of the adopted plumbing code, no person may install or replace any plumbing fixtures for use in the unincorporated area of Gila County in any new or existing commercial, industrial or public construction, unless the fixtures meet the following water saving performance standards:

1. Lavatory faucets shall be equipped with a mechanism that causes the faucet to close automatically after delivering no more than one-fourth gallon of water or shall be designed to deliver no more than an average of one-half gallon of water per minute at a pressure of eighty PSI.
2. Shower heads shall be designed to deliver no more than an average of three (3) gallons of water per minute at a pressure of eighty PSI. Emergency safety showers are exempted from this requirement.
3. Water closets shall be designed to use no more than an average of one and six-tenths gallons of water per flush.

4. Urinals shall be designed to use no more than an average of one (1) gallon of water per flush. No urinals may be installed that use a timing device to flush periodically regardless of demand.

5. Evaporative cooling systems decorative fountains and car washes shall be equipped with water recycling or reuse systems.