

# Smart Water Use in Chino Valley

## Tip #2: Appliances & Fixtures

*Installing low water use appliances and fixtures will save water and reduce monthly water and energy utility bills. The Consortium for Energy Efficiency has a wealth of information on water and energy efficiency. [www.cee1.org](http://www.cee1.org)*

### Appliances

#### Washing Machines

Low water use washing machines that spin on a horizontal axis reduce water use by 20% to 50% providing an annual household savings of 7,000 gallons. These machines also require less detergent and consume 50% to 60% less energy, saving you money.

#### Dishwashers

Low water use dishwashers use between 6 and 10 gallons per cycle, providing up to a 50% savings in water use when compared to standard dishwashers. Low water use dishwashers also require little or no pre-rinsing. Washing dishes by hand is not only more work, but uses significantly more water!

#### Tankless or On-Demand Hot Water Heaters

Tired of waiting for hot water? Point of demand hot water circulators eliminate the wait, reducing both water use and energy costs.



[www.chinoaz.net/water\\_res](http://www.chinoaz.net/water_res)

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## Fixtures

### Toilets



Toilets account for more than 30% of average household water use. Replacing an older toilet with a low-flow or dual-flush model can save as much as 6 gallons a flush, resulting in total savings of thousands of gallons of water per year.

### Showerheads



Low water use showerheads are inexpensive and easy to install. Switching to a high-performance showerhead with an output of no more than 2.5 gallons per minute can reduce water use by up to 6 gallons per minute. Imagine the water savings over an entire year!!!

### Faucets



Adding inexpensive aerators (small circular screens) to the tips of faucets will save 1 to 2 gallons of water per minute. After installation, water flow should be less than 2.5 gallons per minute (gpm) for

the kitchen and 0.75 to 1.5 gpm for the bathroom. To determine the flow rate of a faucet, turn it on and collect the flow in a container for 10 seconds. Multiply the amount collected (in gallons) by 6 to get the flow rate in gpm.

### Leaks!



Leaking faucets and toilets can waste thousands of gallons each year. Repairing dripping faucets saves water and stops that annoying drip...drip...drip. Check for leaking toilets by adding food

coloring to the tank and watching to see if it appears in the bowl without flushing. If so, replace the flapper or rubber washer.



Town of Chino Valley  
Water Resource Department  
1982 N. Voss Dr.  
Chino Valley, AZ 86323  
928-636-7140

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