

The Facts on Leaks

Did you know?

- The average household's leaks can account for more than 10,000 gallons of water wasted every year, or enough water to wash nearly 10 months' worth of laundry.
- Household leaks can waste more than 1 trillion gallons annually nationwide. That's enough water to supply Arizona, Utah, Colorado, and New Mexico for more than a year.
- Ten percent of homes have leaks that waste 90 gallons or more per day.
- Common types of leaks found in the home include leaking toilet flappers, dripping faucets, and other leaking valves. All are easily correctable.
- Fixing easily corrected household water leaks can save homeowners more than 10 percent on their water bills.
- Keep your home leak-free by repairing dripping faucets, toilet valves, and showerheads. In most cases, fixture replacement parts don't require a major investment and can be installed by do-it-yourselfers.
- The vast majority of leaks can be eliminated after retrofitting a household with new WaterSense labeled fixtures and other high-efficiency appliances.



Faucets

- A leaky faucet that drips at the rate of one drip per second can waste more than 3,000 gallons per year. A home with WaterSense labeled toilets could use that water to flush for six months!
- Leaky faucets can be fixed by checking faucet washers and gaskets for wear and replacing them if necessary. If you are replacing a faucet, look for the WaterSense label.

Showerheads

- A showerhead leaking at 10 drips per minute wastes more than 500 gallons per year. That's enough water to wash 60 loads of dishes in your dishwasher.
- Most leaky showerheads can be fixed by ensuring a tight connection using pipe tape and a wrench. If you are replacing a showerhead, look for one that has earned the WaterSense label.



Toilets

- If your toilet is leaking, the cause is often an old or faulty toilet flapper. Over time, this inexpensive rubber part decays, or minerals build up on it. It's usually best to replace the whole rubber flapper—a relatively easy, inexpensive do-it-yourself project that pays itself in no time.
- If you do need to replace the entire toilet, look for the WaterSense label. If a family of four replaces its older, inefficient toilets with new WaterSense labeled ones, it could save more than 16,000 gallons of water per year. Retrofitting the house could save the family more than \$2,500 in water and wastewater bills over the lifetime of the toilets.



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Tips for Leak Detection

- A good method to check for leaks is to examine your winter water usage. It's likely that a family of four has a serious leak problem if its winter water use exceeds 12,000 gallons per month.
- One way to find out if you have a toilet leak is to place a drop of food coloring in the toilet tank. If the color shows up in the bowl within 15 minutes without flushing, you have a leak. Make sure to flush immediately after this experiment to avoid staining the tank.



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Outdoors

- An irrigation system should be checked each spring before use to make sure it was not damaged by frost or freezing.
- An irrigation system that has a leak 1/32nd of an inch in diameter (about the thickness of a dime) can waste about 6,300 gallons of water per month.
- To ensure that your in-ground irrigation system is not leaking water, consult with a WaterSense irrigation partner who has passed a certification program focused on water efficiency; visit www.epa.gov/watersense/meet_our_partners.html for a complete list of irrigation partners.
- Check your garden hose for leaks at its connection to the spigot. If it leaks while you run your hose, replace the nylon or rubber hose washer and ensure a tight connection to the spigot using pipe tape and a wrench.

