

World
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INTERESTING PLUMBING INVENTIONS



Backflow Valves

Backflow happens when your water stops flowing the correct way and instead goes backwards. It is dangerous because used water, water from the toilet, or water from the garden can potentially enter the drinking water supply. The invention of backflow valves ensures that the dirty water only flows one way and our drinking water remains safe.



The Plumbing 'Trap'

The trap is the U, S or J-shaped part of pipe found below or within a plumbing fixture, such as under your kitchen sink. The bent pipe shape was invented to retain a small amount of liquid, at the bottom of the bend, every time the fixture is used. This liquid that is left is called a trap seal. The trap seal prevents sewage system odors, gases and vermin from entering the home or building.



Dual Flush Toilet

The dual flush toilet was invented by Bruce Thompson in 1980, during an Australian drought, to try and save water. Dual flush toilets now use as little as 3 litres of water on half flush and 4.5 litres on full.



Solar Hot Water

Solar hot water systems heat water using a solar thermal collector. The solar panels help the environment by using less fossil fuel. The panels also save money by harnessing the free solar energy from the sun.

PLUMBING FACT

ONLY 4 OUT OF 10 PEOPLE IN THE WORLD
HAVE TOILETS IN THEIR HOMES



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