

Patent #US 8,707,981
Patent #US 10,544,569

NSF/ANSI 61 & 372 certified

Specifications

Valves are available in all standard plumbing sizes. The valve is made in double flanged and double threaded (female NPT) configurations according to your system pipe size.

The 2nd Generation Smart Valve has a much larger interior diameter than older designs to match pipe flow capacity.

(Applications include: hotels, apartments, restaurants, laundromats, car washes, food/beverage, manufacturing, landscape irrigation, and many more.)

Installation

The SMART VALVE™ is designed to be installed on the USER side of the water meter.

Installation should be performed by a licensed plumber.

Smart Valve is a 'Set it and Forget it' device. No maintenance, no operational costs, and comes with a 10-year warranty.

Savings

Every property and water system has its own specifications and usage profile, and the savings available can vary depending on these and other factors. The vast majority of customers will see savings in the range between 15% and 30%, with a small percentage seeing slightly higher or lower savings.

BRAINS FOR YOUR WATER METER™

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Reduce Your Water Bill

Smart Valve's patented Variable Flow Control process eliminates water meter inaccuracy and excessive water consumption.



Smart Design, Smart Money

The SMART VALVE was created to resolve the inefficiencies inherent in water delivery and consumption.

Our patented and NSF certified process takes established principals of fluid dynamics and applies them in a new and financially rewarding application.

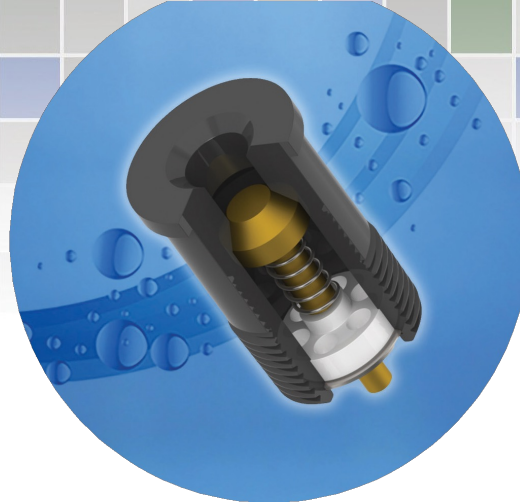
Is there air in my water? Am I paying for it?

In the volume of water passing through your water meter, there is also a volume of air, and your water meter can't tell the difference! To measure water consumption, the most common water meters use a method known as Positive Displacement. This method is not limited to water: it measures the total volume of both water *and* air.

How does the Smart Valve work?

The SMART VALVE compresses air, eliminating its volume *before* it reaches the water meter—the meter no longer measures it! You pay less for the same water usage!

The 2nd Generation Smart Valve is EXTERNALLY ADJUSTABLE for maximum performance EVERYTIME! Fine tunes the setting perfectly to your facility and has ability to adjust to future system changes without ever having to turn off your water again. No other product has this patent pending feature.



Does air still go through the Water Meter?

The SMART VALVE does NOT remove the air. It simply compresses the air before it reaches your meter. Once compressed, the air flows through the meter undetected. After the air passes through the water meter and the valve it returns to its original state.

How reliable is the SMART VALVE?

The SMART VALVE's only movement function is the compression of a spring and the associated opening and closing of a gasket-less plunger and housing.

The valve is made of Acetron GP and stainless steel. Acetron GP is self-lubricating and has strength characteristics close to those of steel while still being flexible and impact absorbent.

The SMART VALVE comes with a 10-Year Manufacturer's Warranty, however the valve should continue to work reliably for much longer.

How does the Smart Valve save me money?

In a number of ways:

- It stops you from being charged for any volume of air present in your water supply by compressing the air volume before it reaches your meter.
- Prevents pressure drops from water usage from reaching the water meter.
- It keeps your water meter operating within its designed flow range.
- It reduces over-supply caused by higher-than-desired city pressure.

“The purchase of your valves has proven to be a very good return on investment... We look forward to installing another SMART VALVE in our new building!”

—Bob Pack, General Manager
Grand Central at Kennedy
Tampa, Florida