



## Next Generation SMART VALVE™

**Expected savings with the next generation SMART VALVE™ are maximized because the valve can be 'custom-calibrated' for PSI and flow rate (GPM) in the field rather than factory pre-set based on site survey data.**

- **One-time installation.** The Smart Valve is externally adjustable. Once installed it can be quickly and easily adjusted without ever needing to pay a plumber again, or turn off the water to remove the device. Saves time, money and avoids interruption of water delivery.
- **Consistently better performance.** With other designs, calibration of the valve is an 'educated guess' that is done prior to installation. This can result in either too much pressure and/or flow rate loss, or achieving less than the maximum savings available. The only way to correct these situations is to shut off the water, remove the device to make an adjustment, reinstall it and hope you 'get it right this time'. With the Smart Valve, the calibration is done AFTER the installation, allowing you to fine tune it to the user's system for maximum performance without any negative impact, every time.



**Shows tool that rotates valve housing**

- **Ability to adjust to changes.** As in the above, if in the future the system pressure changes, the Smart Valve can be adjusted accordingly. Example 1: City water pressure is increased. The spring setting may now be too weak resulting in reduced savings. Example 2: City pressure is decreased, either temporarily due to a water main break, or permanently due to other conditions. The spring setting may be too strong resulting in significantly reduced water pressure and/or flow rate. The Smart Valve can be quickly adjusted to compensate while older or competitive designs would have to be removed and reinstalled.
- **Greater flow rates.** Older valves are designed to slide inside the pipe in flanged versions, or, they are male threaded in smaller threaded versions. This results in a much smaller interior diameter than the existing pipe, which therefore lowers your maximum flow rate. The Smart Valve is either double flanged or female threaded. This allows a significantly larger interior diameter with no loss in flow capacity.