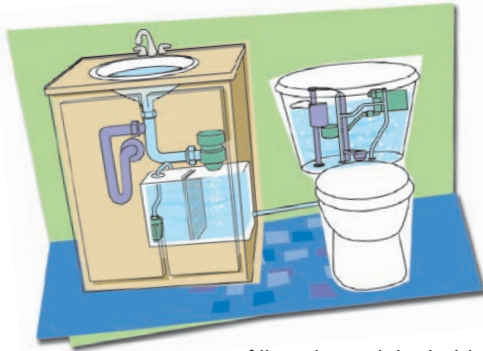


HYDROPOINT'S WEATHERTRAK SPRINKLER CONTROL

As much as 60% of urban water is used for landscaping, about half of which is unnecessarily wasted by overwatering. Worse, an overwatered landscape and poor landscape design are a significant cause of structural damage, rot, and mold problems. The WeatherTRAK line of products by HydroPoint Data Systems is a state-of-the-art irrigation controller that automatically adjusts water delivery amounts based upon only the amount of water needed. The system is designed to prevent wasteful over-watering, as well as underwatering. The system takes a number of variables into account: the actual current weather, data from past weather, local soil type, landscape plant type, and even the expected weather in the upcoming days. This is accomplished by using WeatherTRAK's patented ET Everywhere service, a wireless communications system that delivers daily weather updates to the WeatherTRAK ET controller and then adjusts the irrigation schedule accordingly. Each day HydroPoint collects, analyzes, and validates weather data from over 14,000 weather stations across the United States. Using this data, HydroPoint models the weather down to one square kilometer. Local weather updates are broadcast nightly to each controller via HydroPoint's wireless network. Contractors report that installation is simple, and the required wiring is nearly identical to timer-style control circuits. After installation, the system needs to be programmed only once, and the network takes over from there. Case studies have shown water savings of 15% to 50% in both residential and commercial applications.



Hydropoint.com; 800-362-8774



WATERSAVER TECHNOLOGIES' AQUUS WATER SAVER

Next to landscaping, bathrooms use the most water in U.S. homes. Toilets in particular account for about 40% of all indoor domestic water consumed. WaterSaver Technologies has developed a clever device called AQUUS to capture and reuse otherwise wasted bathroom sink water. Sink water is saved, cleaned, and then used to fill the toilet tank. The system is hardly noticeable, and there is no change to the normal operation of the lavatory sink or toilet. The AQUUS reservoir is hidden from view inside the vanity below the sink. It is designed to work in conjunction with standard lavatory pipes and it holds up to 5½ gallons of waste water from the sink. Inside the toilet tank, an AQUUS fill control unit prevents fresh water from

filling the tank by holding the ball cock in the off position. This allows water held in the reservoir under the sink to fill the toilet tank. A hose connects the reservoir to the fill control unit using gravity, water pressure, and a small electrical pump to move water from the vanity to the toilet tank. A filter keeps hair and other solids like toothpaste from entering the toilet. Disinfection tablets control bacteria and other contaminants in much the same way that municipal water is treated. AQUUS claims that water reused in the toilet is not harmful and will not hurt pets. WaterSaver Technologies estimates that AQUUS can reduce metered water usage in a two-person household by about 10–20 gallons a day, or approximately 5,000 gallons a year. While the residential use of this self-contained "gray-water" system is obvious, it also has potential for use in hotels, schools, commercial buildings, government structures, and multifamily complexes. AQUUS is simple to install and comes with all the parts needed. Estimated installation time is one to two hours.

Watersavertech.com; 502-550-1506



PRICE PFISTER'S ASHFIELD SINGLE CONTROL LAVATORY FAUCET

Price Pfister's Ashfield Single Control Lavatory Faucet reduces water use through the faucet by 27% without compromising the flow, the company claims. The faucet is equipped with a pressure-compensating flow restrictor that produces a flow rate under 1.6 gallons per minute (gpm), the company claims. In addition to the earth-friendly Single Control Lavatory Faucet, the Ashfield Collection has a "country-inspired" pump handle and decorative trough spout, and offers builders and homeowners the ability to blend a specific design and finish throughout a home, from faucet to towel racks to robe hooks. The Ashfield Collection offers a high-arc swivel kitchen faucet with an upswept handle design, and, to outfit the tub and shower, a 6-inch, self-cleaning "rain can" showerhead with high-arc shower arm, matching handles, and a special wall flange for easy installation.

Pricepfister.com; 800-732-8238