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Conservation business sets the bar high

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August 18, 2008 - 3:12PM

By Travis Roemhild | AFN

An Ahwatukee Foothills-based company is providing several unique tools to conserve water and energy for home and business owners.

Save Water Solutions Inc., 4702 E. Piedmont Road, offers "smart" products that add on to current pool and lawn systems to monitor water use.

Matt Schryver, president of Save Water Solutions Inc., has incorporated the products - like a liquid pool cover and a smart water-harvesting planter system - into the grounds of the Arizona Grand Resort, 8000 S. Arizona Grand Parkway. But his systems can be used anywhere.

Schryver said that due to the planter system, which is currently being installed all over the grounds of the resort, the company will save approximately 60 percent in energy and water costs.

The planter system works by way of a reservoir that is installed underneath the soil. The reservoir is connected via a PVC pipe that runs from above the surface of the soil down to the reservoir.

Schryver said the reservoir significantly reduces the amount of time spent on watering. He said, for example, an Arizona Grand Resort maintenance worker had to water around the grounds everyday. Now, there are times when they only need to fill the reservoir once a week.

The liquid pool cover system can be incorporated into any pool and the resort has the system on all nine of its pools. The system automatically injects the liquid, invisible "cover" into the pool that forms a barrier on the surface to shield the water from sunlight to keep it cool or, in the winter, to keep it warm. It is safe to swim in as well.

The system does come with a price tag of \$300 and includes four, one-gallon jugs of the liquid pool cover. Additional jugs cost \$84 through the Save Water Solutions Web site.

The company also offers two efficient ways for a homeowner to protect their lawn.

The SCX Smart Irrigation System is a moisture-sensing technology which, once installed in your lawn, will determine when to turn on the sprinkler system.

After the initial setup and installation, the owner sets a threshold level. When the volumetric water content of the soil drops below that threshold, the sprinkler system turns on. The basic system runs for \$125.

Going a step further, there is also a tool that will prevent a broken sprinkler from flooding the lawn and wasting a significant amount of water.

GeyserStop is a piece of piping that is installed between the sprinkler head and the irrigation line. There is a stopper in the piece of piping, which locks in place when the particular sprinkler malfunctions, preventing the loss of excess water.

Schryver's company also offers other intelligent products, such as a shower head that shuts itself off once the water behind reaches 95 degrees, and he says they saw the need for these types of products, especially in Arizona.

"I am passionate about using water efficiently," Schryver said. "There is not another company out there like us in

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Jennifer Salman/Special to the AFN
Ahwatukee Foothills resident Matt Schryver's company, Save Water Solutions, has installed a smart water harvesting system on the grounds at Arizona Grand Resort to help conserve water when watering plantlife.

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
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