

look for



WaterSense® Labeled

Spray Sprinkler Bodies

Residential outdoor water use in the United States accounts for nearly 9 billion gallons of water each day, mainly for landscape irrigation. Experts estimate that as much as 50 percent of this water is wasted due to evaporation, wind, runoff, and overwatering caused by inefficiencies in irrigation methods and systems.

LANDSCAPE WATER EFFICIENCY

Outdoor irrigation systems can waste water when the pressure of the water flowing into the system is higher than recommended values. Some types of sprinkler bodies can control water pressure at the inlet to the nozzle, also known as integral pressure regulation. WaterSense labeled spray sprinkler bodies, which feature integral pressure regulation, can help decrease the outdoor water waste associated with irrigation systems that receive water under higher pressure. The sprinkler body is the exterior shell that connects to the irrigation system piping and houses the spray nozzle.

Landscape irrigation sprinklers are often installed at sites where the system pressure is higher than what is recommended for the sprinkler nozzle, thus resulting in system inefficiencies. These can include excessive flow rates, misting, fogging, and uneven coverage (e.g., dry spots or water pooling). However, WaterSense labeled sprinkler bodies with integral pressure regulation can provide a consistent flow rate at the sprinkler nozzle to help reduce water waste.

Additionally, when the sprinkler body maintains its regulation pressure, the connected nozzle is better able to generate the right amount of water spray and coverage for more uniform distribution of water across the landscape.

SAVING WATER OUTDOORS

EPA added sprinkler bodies to its suite of WaterSense labeled landscape irrigation products to help residential and light commercial irrigation systems across the United States save water. Installing these products



The system on the left is operating under too-high pressure (photo courtesy of Irrigation Association); the right photo shows correct pressure (photo courtesy of Rain Bird).

throughout a typical home's irrigation system operating at or above 60 pounds per square inch (psi) could save as much as 5,600 gallons of water and \$60 per year in water and sewer costs annually. Replacing all sprinkler bodies that operate above optimal pressure with WaterSense labeled sprinkler bodies could save more than 31 billion gallons of water and \$345 million across the country each year.

LOOK FOR THE WATERSENSE LABEL!

As with all WaterSense labeled products, to earn the label, spray sprinkler bodies must be tested and independently certified to ensure that they meet EPA's criteria for efficiency and performance.

For more information or a list of WaterSense labeled products, visit www.epa.gov/watersense.

