RAIN BIRD®

PRS

Turn high pressure into lower water bills.

When the pressure's on, save water and money with Rain Bird® 5000 Series Rotors and 1800® Series Sprays featuring PRS with Flow Optimizer™ technology.

Problem:

High water pressure is a common problem in many communities. As pressure increases, so does an irrigation system's flow rate. The resulting symptoms include wasted water, higher water bills and damaged system components. But this big problem has a simple solution: Rain Bird PRS.

Solution:

QUANTIFIABLE SAVINGS

By regulating high or fluctuating pressure at the head, PRS with Flow Optimizer™ technology can help you save approximately one gallon per minute per rotor or spray. Given the high price of water in many areas, you can also enjoy considerable cost savings annually.

WATER RESTRICTION READY

Laws restricting water use are being enacted across the U.S. — California's AB1881 to name just one. By installing Rain Bird PRS rotors and sprays, you can ensure compliance with these laws.

LASTING PERFORMANCE

PRS minimizes the wear and tear placed on components, extending system life. The PRS debris shield prevents component damage caused by grit and contaminants. If a nozzle is damaged, PRS can also reduce water waste by up to 70 percent.

Smart Approved WaterMark

Rain Bird PRS rotors and sprays are the only products of their kind in the industry to receive the Smart Approved WaterMark. This globally recognized designation is granted by an independent panel based in Australia.

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Rain Bird PRS Optimizes Operating Pressure and Flow

In this test, Rain Bird® PRS Sprays saved 0.78 gpm by reducing operating pressure to 30 psi.

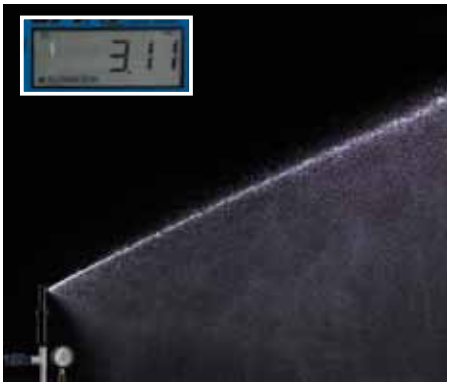
- Unlike competitive PRS sprays, Rain Bird PRS sprays adjust to fluctuating pressure, optimizing flow and promoting a more consistent spray pattern.
- Select versions of the 1800 maintain operating pressures of 45 psi to maximize Rotary Nozzle efficiency.

1800 Spray with PRS at 79 psi inlet pressure.
PRS regulates flow to 0.86 gallons per minute.

Non-PRS competitive spray at 79 psi inlet pressure.
WIthout PRS, flow rises to 1.64 gallons per minute.

In this test, Rain Bird® PRS Rotors can save 0.70 gpm by reducing operating pressure to 45 psi.

- By reducing pressure and optimizing flow, PRS minimizes the wear and tear placed on components, ensuring reliability and extending system life.
- The unique PRS debris shield prevents component damage caused by grit and contaminants.



5000 Rotor with PRS at 79 psi inlet pressure.
PRS regulates flow to 3.11 gallons per minute.

Non-PRS competitive rotor at 79 psi inlet pressure.
WIthout PRS, flow rises to 3.81 gallons per minute.

Go Online to Calculate Your System Savings

*In this conservative scenario, total system savings of 106,000 gallons based on landscape with 75 psi inlet pressure and watering that occurs 4 days a week, 40 weeks per year. System has 15 Rain Bird® 5000 PRS Rotors, each with a 3 gpm nozzle, and 20 Rain Bird® 1800 PRS Sprays, each with a 15H nozzle. Rotors run for 30 minutes a day, while sprays run for 15 minutes a day.

Typical users can save approximately one gallon per minute per rotor or spray with Rain Bird PRS featuring Flow Optimizer technology. But there's a chance you'll save even more based on your unique landscape and situation. To calculate how much water and money you'll save, visit **www.rainbird.com/PRS.**

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