



RD1800™ Series Spray Head



Survival of the Filthiest: Introducing the RD1800™ Series Spray Head



Legislation, growing demand and a limited potable water supply have increased our reliance on alternative water sources. As a result, water used for irrigation is harsher today than ever before. You told us you need a spray specifically suited for the most challenging environments. You also want a spray that will conserve water and provide years of worry-free performance. The new Rain Bird® RD1800™ Series Spray is proof that we've been listening.

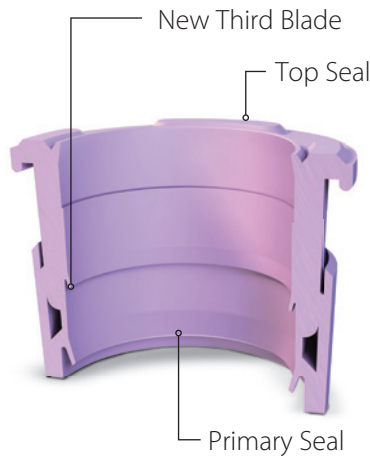
Reclaimed water versions of the RD1800 feature a purple wiper seal, while potable water models include a white wiper seal.

Bring on the Dirt

Triple Coverage

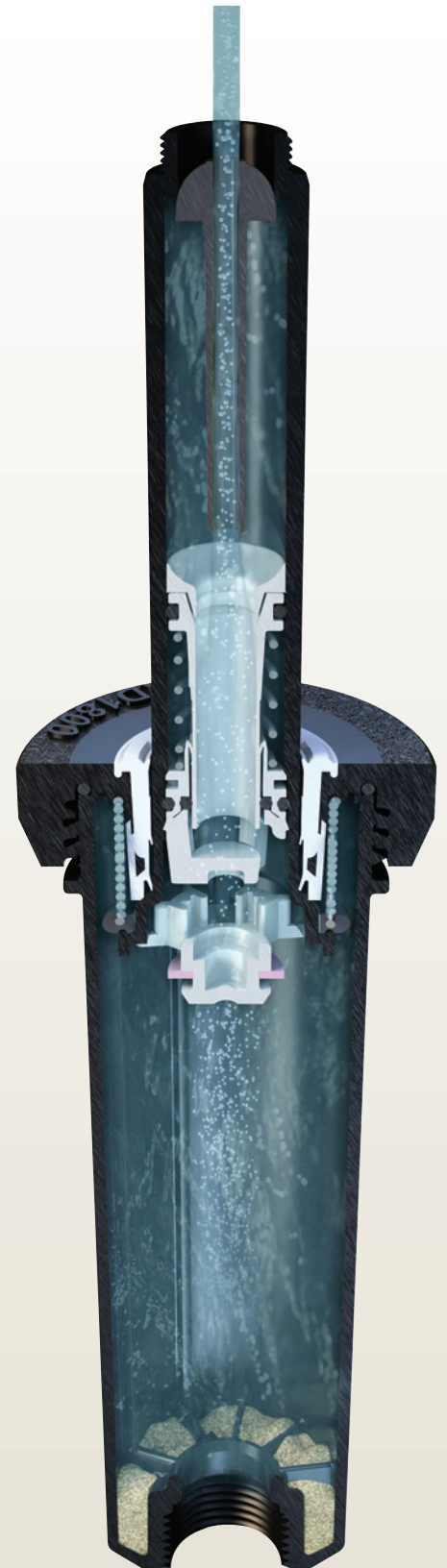
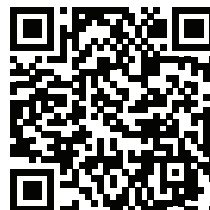
Nearly three decades ago, the Rain Bird® 1800® Series and its co-molded wiper seal changed irrigation technology forever. With the RD1800, we've done it again with a precisely engineered, exclusive Triple-Blade Wiper Seal.

The RD1800's Top Seal flushes during pop-up and wipes the stem clean during retraction, preventing external debris from entering. During operation, the RD1800's Primary Seal combines with the stem's surface to eliminate flow-by. The exclusive Third Blade provides another line of defense, in case the primary seal is damaged.



Send Bacteria Back to the Drawing Board

An innovative design isn't the only thing that makes the RD1800's Triple-Blade Wiper Seal unique. Bacterial contaminants and other chemicals present in modern water supplies accelerate wear and degrade plastics. In engineering the RD1800, we carefully selected new plastics and materials that retain their properties better over time in harsh environments. For you and your customers, that means years of trouble-free performance.



Because Stuff Happens



Exclusive Flow-Shield™ Technology

The RD1800's exclusive Flow-Shield™ Technology delivers a low-flow 15-foot service indication stream when a nozzle is removed. As a result, system performance is maintained, water is saved and you don't have to wait until you have brown grass or dead plants to notice something's wrong.

Problem Solved

Not only does exclusive Flow-Shield Technology help you identify problems, it also solves them. When a nozzle is removed, the RD1800 reduces flow up to 90 percent compared to a standard spray and up to 50 percent when compared to a PRS spray.

When It's All on the Line

If a nozzle is removed, not only does the RD1800 preserve hydraulics for the rest of the lateral line, it also improves flushing by preventing large debris particles from being sucked into the spray body. Instead, debris migrates to the end of the lateral line, where it can be completely and permanently flushed from the system.



Pressure Variations? No Sweat

We Moved the Needle

You needed a spray head that thrives in high-pressure situations, so we built the RD1800 to withstand operating pressures from 15 to 100 psi. So even in applications with wide pressure variations, the RD1800 doesn't miss a beat.



Proven Pressure Regulation

Using the patented PRS device that made the 1800 Series famous, the RD1800 delivers consistent outlet pressure regardless of inlet pressure fluctuation.



The World's Toughest Spray

Leave Nothing to Doubt

Say goodbye to clunky clip-on covers and unsightly UV-faded purple plastic covers. Reclaimed versions of the RD1800 feature a patent pending design that warns the public of non-potable water use. The RD1800 offers a unique combination of a purple wiper seal, the international do not drink symbol and standard English and Spanish warnings.



Racheting Up Reliability

The RD1800's ratchet mechanism was designed to easily adjust during installation, hold steady over time, provide greater debris resistance and be more flexible. While competitive rings become brittle, the RD1800 ratchet ring does not crumble when exposed to stress.

We've Got You Covered

From top to bottom, the rugged RD1800 was engineered to stand up to the rigors of any challenge. Designed using the most advanced modeling software, the RD1800's impact-resistant cover and body stand up to vandalism, while also resisting damage in high-pressure applications.

Keep Debris in its Place

With each system start-up, the RD1800's unique debris pockets hold grit in place—removing it from circulation and preventing long-term damage. So, when other stems and nozzles become clogged with grit, the RD1800 remains clear.



The RD1800 Survives Where Other Sprays Crumble

Given what you've seen and heard about the RD1800, why would you ever choose anything else? From its exclusive Triple-Blade Wiper Seal to its unrivaled durability, the Rain Bird® RD1800 is engineered to withstand everything time, grit and Mother Nature can throw at it.

Get more of the dirt on this revolutionary product. Visit www.rainbird.com/RD1800 to watch the RD1800 take on the competition—or talk to your Rain Bird sales representative.



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