

RD1800™ Series Spray Heads

Built to Endure Any Installation

RD1800™ Series Spray Heads build on the reputation of the 1800® Series that have provided unmatched durability, reliability and performance for over 30 years.

The RD 1800 Series has been built to withstand harsh operating conditions such as chemically treated recycled water (reclaimed / non-potable), dirty water containing grit, debris, and other particulates, and high operating pressures common in commercial irrigation systems.

Features

The RD 1800 Series features an exclusive co-molded, pressure activated Triple-Blade Wiper Seal to assure a positive seal without excess "flow-by", which enables more heads to be installed on the same valve. The Triple-Blade Wiper Seal precisely balances flushing, flow-by and debris protection to optimize performance and durability at pop-up and retraction. Precision-controlled flushing at pop-up and retraction clears debris, assuring positive stem retraction in all soil types. Debris pockets in the base of the spray body prevent recirculation of harmful debris during operation to reduce wear on the wiper seal and stem.

- Designed for use with all Rain Bird nozzles – Rotary Nozzles, U-Series, MPR, VAN, HE-VAN, and SQ Series.
- Parts developed to be resistant to corrosion in treated recycled water containing chlorine and other chemicals.
- Strong stainless steel spring provides reliable stem retraction and withstands corrosion.
- Reinforced ratchet mechanism allows easy nozzle pattern alignment without tools, withstands chemicals in recycled water and prevents pattern misalignment over time.
- Pre-installed 1800 Pop-Top™ flush plug blocks debris from entering after flushing and allows for easy nozzle installation.
- Constructed of time-proven ultraviolet-resistant plastic and corrosion-resistant stainless steel parts, assuring long product life.
- All sprinkler components are removable from the top without special tools, providing for quick and easy flushing and maintenance of the sprinkler.
- Side inlets featured on all models except SAM Models.
- Five-year trade warranty.

Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3 m)
- Pressure: 15 to 100 psi (1.0 to 6.9 bar)

Specifications

- Flow-by:
 - **SAM Models:** 0 at 15 psi (1.0 bar) or greater; 0.5 gpm (0.1 m³/h; 0.03 l/s) otherwise
 - **All Other Models:** 0 at 10 psi (0.7 bar) or greater; 0.5 gpm (0.1 m³/h; 0.03 l/s) otherwise

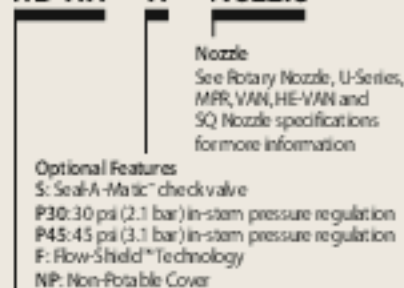
Dimensions / Models

- 1/2" (15/21) NPT female threaded inlet
- Models and height:
 - **RD-04:** 6" (15.2 cm) body height; 4" pop-up height (10.2 cm)
 - **RD-06:** 9 3/8" (23.8 cm) body height; 6" pop-up height (15.2 cm)
 - **RD-12:** 16" (40.6 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 1/4" (5.7 cm)



How To Specify

RD-XX - X - Nozzle



Model
 RD-04: 4" (10 cm) pop-up height
 RD-06: 6" (15 cm) pop-up height
 RD-12: 12" (40 cm) pop-up height

Notes:
 SAM feature included with P45 models.
 Flow-Shield™ Technology available in P30 and P45 models only.
 Specify sprinkler bodies and nozzles separately.

RD1800 Series Sprays Models

4" Models

RD04NP	RD04SP30FN
RD04SP30	RD04SP45NP
RD04SP30NP	RD04SP45F
RD04SP30F	RD04SP45FN

6" Models

RD06NPNSI*	RD06SP30FN
RD06SP30	RD06SP45NP
RD06SP30NP	RD06SP45F
RD06SP30F	RD06SP45FN

12" Models

RD12SP30	RD12SP45NP
RD12SP30NP	RD12SP45F
RD12SP30F	RD12SP45FN
RD12SP30FN	

* For Florida, South and Southeast Regions Only