

## RD1800™ Series Spray Heads

4", 6", 12" (10.2 cm; 15.2 cm; 30.5 cm)

### Features

- Patented, 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, ensuring positive stem retraction in all soil types
- Unique debris pockets hold grit in place, removing it from circulation and preventing long-term damage. Parts resistant to corrosion in treated recycled water containing chlorine
- **RD1800™ SAM PRS Series:** Incorporates all RD1800 Series SAM and PRS features. Meets the needs of all spray areas, regardless of changing elevation or water pressures
- **RD1800™ Flow-Shield™ Series:** Provides low flow vertical water jet visible from +200' line of sight when a nozzle has been removed
- **RD1800™ Non-Potable Water Series:** Provides an alternative to clip-on caps and molded purple covers. Easy-to-read English "DO NOT DRINK", Spanish "NO BEBA" warnings, and international do not drink symbol

### 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)

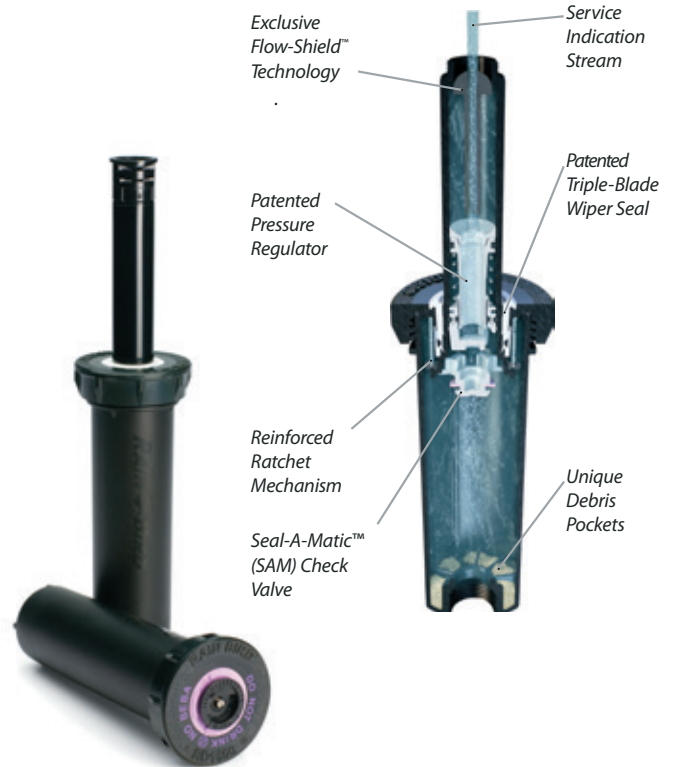
### Specifications

- SAM capability: Holds up to 14 feet (4.2 m) of head; 6 psi (0.3 bar)
- Flow-by: SAM Models: 0 at 15 psi (1.0 bar) or greater; 0.5 gpm (0.1 m<sup>3</sup>/h; 0.03 l/s) otherwise  
All Other Models: 0 at 10 psi (0.7 bar) or greater; 0.5 gpm (0.1 m<sup>3</sup>/h; 0.03 l/s) otherwise
- SAM-PRS models regulate nozzle pressure to an average 30 or 45 psi (2.1 or 3.1 bar) with inlet pressures of up to 100 psi (6.9 bar)
- Side inlets featured on non Seal-A-Matic™ (SAM) models only
- Five-year trade warranty

### Dimensions

- ½" (15/21) NPT female threaded inlet

Models	4"	6"	12"
RD04	–	–	–
RD04-NP	–	–	–
RD04-S-P-30		RD06-S-P-30	RD12-S-P-30
RD04-S-P-30-NP		RD06-S-P-30-NP	RD12-S-P-30-NP
RD04-S-P-30-F		RD06-S-P30-F	RD12-S-P-30-F
RD04-S-P-30-F-NP		RD06-S-P-30-F-NP	RD12-S-P-30-F-NP
RD04-S-P-45-NP		RD06-S-P-45-NP	RD12-S-P-45-NP
RD04-S-P-45-F		RD06-S-P-45-F	RD12-S-P-45-F
RD04-S-P-45-F-NP		RD06-S-P-45-F-NP	RD12-S-P-45-F-NP



RD1800 Series



Standard Cover



Non-Potable Cover

### How To Specify

#### RD-XX - X - Nozzle

**Nozzle**  
See Rotary Nozzle, U-Series, MPR, VAN, HE-VAN and SQ Nozzle specifications for more information

#### Optional Features

S: Seal-A-Matic™ check valve  
P30: 30 psi (2.1 bar) in-stem pressure regulation  
P45: 45 psi (3.1 bar) in-stem pressure regulation  
F: Flow-Shield™ Technology  
NP: Non-potable water use indicating cover

#### 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:

Flow-Shield™ Technology available in P30 and P45 models only.  
Specify sprinkler bodies and nozzles separately.