



"We've installed more than 100,000 Rain Bird 1800 Series Spray Heads because we trust their consistent quality."

We've been using Rain Bird 1800 Series Spray Heads and Nozzles exclusively for nearly 20 years. Rain Bird products serve our customers well and have helped us become one of the leading landscape companies in the Portland area."

*Rodney Reed, President  
Green Earth Landscaping, Inc.*

## Major Products

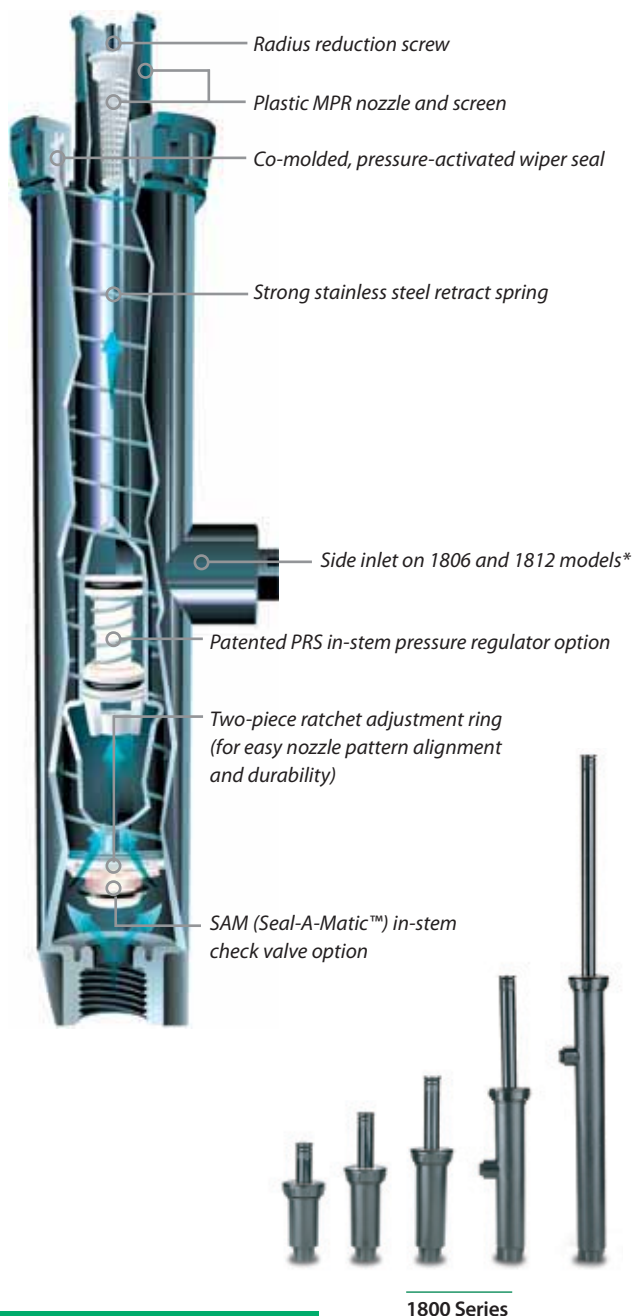
	1802, 1803, 1804, 1806	1812	1800 PRS	1800 SAM	1800 SAM-PRS	1800 SAM- PRS-45	US-200, US-400	1300/ 1400 Bubblers	PA-85	RD-04, RD-06	RD-12	RD1800 SAM	RD1800 SAM- PRS	RD1800 PRS-F	RD1800 SAM- PRS-F	RD1800 SAM- PRS-45-F	
Primary Applications																	
Turfgrass	●		●	●	●	●	●			●		●	●	●	●	●	●
Slopes				●	●	●	●*					●	●		●	●	●
Ground Cover/Shrubs	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
High Pressure Systems			●		●	●		●		●	●	●	●	●	●	●	●
Low Pressure Systems	●	●					●	●	●	●	●						
High Wind Areas	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Non-Potable Water										●	●	●	●	●	●	●	●
Vandalism/Damage Prone															●	●	●
Dirty Water										●	●	●	●	●	●	●	●

\*Optional US-SAM check valve is retrofittable on all UNI-Sprays.™



## Water Saving Tips

- The multi-function, pressure activated wiper seal assures a positive seal without excess "flow-by" which reduces water waste and allows more heads to be installed on the same valve.
- The patented, built-in PRS regulator maintains optimal operating pressure and restricts water loss by up to 70% if a nozzle is removed or damaged. It also ends water waste by eliminating misting and fogging caused by high pressure.
- Save water, stop low head drainage, and reduce water hammer by preventing water from draining out of pipes after irrigation with 1800 Series Sprays featuring Seal-A-Matic™ (SAM) check valves.



### 1800® Series

2", 3", 4", 6", 12" (5.1 cm; 7.6 cm; 10.2 cm; 15.2 cm; 30.5 cm)

- Co-molded wiper seal is molded into the cap and features an encased plastic "cage" to provide unmatched resistance to grit, pressure, and the environment. Additionally, the pressure-activated, multi-function seal design assures a positive seal without excess "flow-by" which enables more heads to be installed on the same valve
- Strong stainless steel spring provides reliable stem retraction
- Two-piece ratchet mechanism on all models allows easy nozzle pattern alignment and provides added durability

### Features

- Precision controlled flush at pop-down clears debris from unit, assuring positive stem retraction in all soil types
  - Pre-installed orange 1800 Pop-Top™ flush plug blocks debris, larger than nozzle filter screen openings, from entering after flushing. Allows for easy nozzle installation
- Constructed of time-proven UV-resistant plastic and corrosion resistant stainless steel parts, assuring long product life
- All 1800 Spray components are removable from the top without special tools, providing for quick and easy flushing and maintenance
- Side and bottom inlets featured on 1806 and 1812 (non-SAM) models\*
- Five-year trade warranty

### Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3m)\*\*
- Pressure: 15 to 70 psi (1.0 to 4.8 bar)

### Specifications

- Flow-by: 0 gpm at 8 psi (0.6 bar) or greater; 0.10 gpm (0.02 m<sup>3</sup>/h; 0.36 l/m) otherwise

### Dimensions/Models

- ½" (15/21) NPT female threaded inlet
- Models and height:
  - 1802: 4" (10.2 cm) body height; 2" pop-up height (5.1 cm)
  - 1803: 4 7/8" (12.4 cm) body height; 3" pop-up height (7.6 cm)
  - 1804: 6" (15.2 cm) body height; 4" pop-up height (10.2 cm)
  - 1806: 9 3/8" (23.8 cm) body height; 6" pop-up height (15.2 cm)
  - 1812: 16" (40.6 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)

\* 1806 and 1812-SAM, SAMPRS, and SAM-PRS-45 units do not have a side inlet

\*\* 2.5 to 18 feet with standard Rain Bird Spray Head Nozzles (SQ, MPR, VAN, USeries)  
13 to 24 feet with Rain Bird Rotary Nozzles

### How To Specify

**1804 - 15H**

Nozzle Series/Pattern  
15H: 15 Series MPR nozzle  
with half-circle pattern

Model  
1804: 4" (10.2 cm) pop-up height

1800 Series



Precision controlled flush at pop-down clears debris from unit, assuring reliable performance and positive stem retraction in all soil types.

## 1800®-PRS Series

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



- PRS pressure regulator built into the stem. No parts to be installed at the site. Saves time and money
- Maintains constant outlet pressure at 30 psi (2.1 bar). Spray bodies and nozzles perform best at 30 psi. Ensures maximum spray body and nozzle performance, even with varying inlet pressures. Maintains constant pressure regardless of nozzle used
- Ends misting and fogging caused by high pressure. Stops water waste. Ensures necessary watering occurs in high pressure or wind conditions

### Features

- Restricts water loss by up to 70% if nozzle is removed or damaged. Saves water and money. Reduces possibility of accidents and property damage. Recommended for vandal-prone areas
- Designed for use with all Rain Bird plastic spray head nozzles
- "PRS" stamped on cap for easy identification and maintenance
- Five-year trade warranty

### Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3m)\*
- Pressure: 15 to 70 psi (1.0 to 4.8 bar)

### Specifications

- Regulates nozzle pressure to an average 30 psi (2.1 bar) with inlet pressures of up to 70 psi (4.8 bar) (see graph)
- Flow-by: 0 gpm at 8 psi (0.6 bar) or greater; 0.10 gpm (0.02 m<sup>3</sup>/h; 0.36 l/m) otherwise
- Installation: side or bottom inlet
- Side inlet installation not recommended in freezing climates

### Dimensions

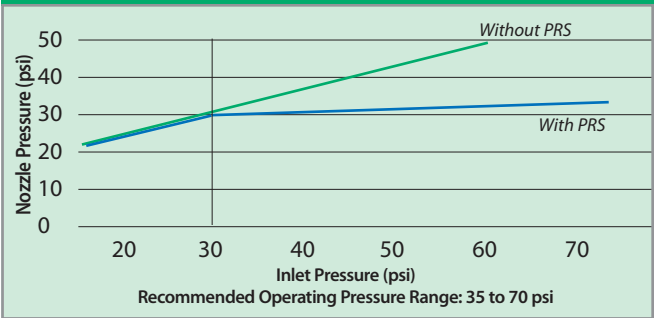
- ½" (15/21) female threaded inlets
- Body height:
  - 1804 PRS: 6" (15.2 cm)
  - 1806 PRS: 9 ⅜" (23.8 cm)
  - 1812 PRS: 16" (40.6 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)

### Models

- 1804 PRS: 4" pop-up height (10.2 cm)
- 1806 PRS: 6" pop-up height (15.2 cm)
- 1812 PRS: 12" pop-up height (30.5 cm)

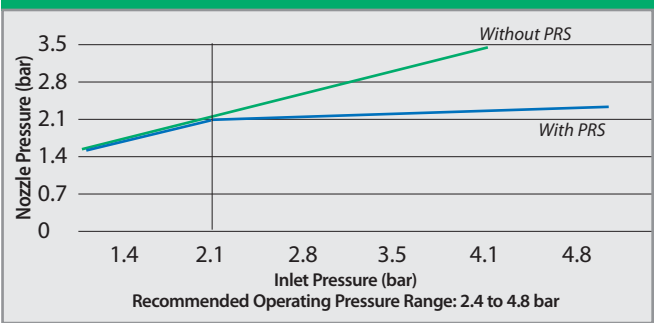
\* 2.5 to 18 feet with standard Rain Bird Spray Head Nozzles (SQ, MPR, VAN, U-Series)  
13 to 24 feet with Rain Bird Rotary Nozzles

### 1800-PRS Performance

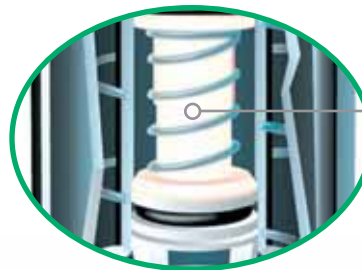


### 1800-PRS Performance

### METRIC



Performance data derived from tests that conform with ASAE Standards; ASAE S398.1. See page 224 for complete ASAE Test Certification Statement.



Patented pressure regulator in stem compensates for high or fluctuating water pressure to ensure maximum performance



1800-PRS

### How To Specify

#### 1804- PRS- 15H

Nozzle Series/Pattern  
15H: 15 Series MPR  
nozzle with half-circle  
pattern

Optional Feature  
PRS: In-stem pressure regulation

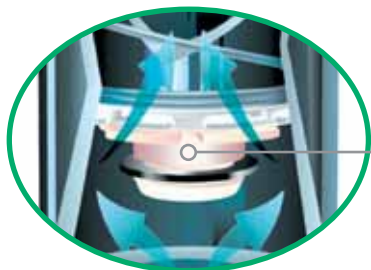
Model  
1804: 4" (10.2 cm) pop-up height



The patented pressure regulator maintains optimum outlet pressure to maximize nozzle efficiency and reduces excessive nozzle flow, misting, and fogging. Every 5 psi reduction in pressure reduces water use by 6-8%. Using PRS spray heads can provide more than 50% water savings when compared to non-pressure regulating sprays in high pressure installations regardless of fluctuating inlet pressures.



1800-SAM



Built in Seal-A-Matic check valve prevents low-head drainage, ideal for use in changing elevations

## 1800®-SAM Series

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

- Built-in Seal-A-Matic™ (SAM) check valve. Eliminates the need for under-the-head check valves. No parts to be installed at the site
- Traps water in lateral pipes in elevation changes of up to 14 feet (4.2 m). Reduces wear on system components by minimizing water hammer during start-up
- Even stronger retract spring to accommodate elevation changes up to 14 feet (4.2 m). One of the strongest springs in the industry

### Features

- Prevents drainage from spray heads at lower elevations. Stops water waste. Ends landscape damage due to flooding and/or erosion
- Designed for use with all Rain Bird plastic spray head nozzles
- "SAM" stamped on cap for easy identification and maintenance
- Five-year trade warranty

### Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3m)\*
- Pressure: 25 to 70 psi (1.7 to 4.8 bar)

### Specifications

- SAM capability: holds up to 14 feet (4.2 m) of head; 6 psi (0.4 bar)
- Flow-by: 0 gpm at 8 psi (0.6 bar) or greater; 0.50 gpm (0.11 m<sup>3</sup>/h; 1.80 l/m) otherwise

### Dimensions

- ½" (15/21) female threaded inlet
- Body height:
  - 1804-SAM: 6" (15.2 cm)
  - 1806-SAM: 9 ⅜" (23.8 cm)
  - 1812-SAM: 16" (40.6 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)

### Models

- 1804-SAM: 4" pop-up height (10.2 cm)
- 1806-SAM: 6" pop-up height (15.2 cm)
- 1812-SAM: 12" pop-up height (30.5 cm)

\* 2.5 to 18 feet with standard Rain Bird Spray Head Nozzles (SQ, MPR, VAN, USeries)  
13 to 24 feet with Rain Bird Rotary Nozzles

### How To Specify

1804-SAM-15H

Nozzle Series/Pattern  
15H: 15 Series MPR  
nozzle with half-circle  
pattern

Optional Feature  
SAM: Seal-A-Matic check valve

Model  
1804: 4" (10.2 cm) pop-up height



The built-in Seal-A-Matic™ check valve traps water in lateral pipes and prevents drainage from sprays at lower elevations; stopping water waste and damage due to flooding and erosion. It also reduces wear on system components by minimizing water hammer during start-up.

## 1800®-SAM-PRS Series

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

### Features

- Incorporates all 1800 Series SAM and PRS features
- Meets the needs of all spray areas, regardless of changing elevation or water pressures
- "SAM-PRS" stamped on the cap for easy identification and maintenance

### Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3m)\*
- Pressure: 25 to 70 psi (1.7 to 4.8 bar)

### Specifications

- SAM capability: holds up to 14 feet (4.2 m) of head; 6 psi (0.4 bar)
- Flow-by: 0 gpm at 8 psi (0.6 bar) or greater; 0.50 gpm (0.11 m³/h; 1.80 l/m)

\* 2.5 to 18 feet with standard Rain Bird Spray Head Nozzles (SQ, MPR, VAN, U-Series)  
13 to 24 feet with Rain Bird Rotary Nozzles



SAM-PRS

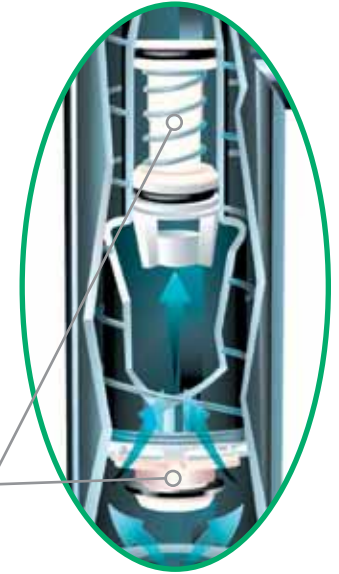
otherwise

### Dimensions

- ½" (15/21) female threaded inlet
- Body height:  
1804-SAM-PRS: 6" (15.2 cm)  
1806-SAM-PRS: 9 ⅜" (23.8 cm)  
1812-SAM-PRS: 16" (40.6 cm)
- Exposed surface diameter:  
2 ¼" (5.7 cm)

### Models

- 1804-SAM-PRS:  
4" pop-up height (10.2 cm)
- 1806-SAM-PRS:  
6" pop-up height (15.2 cm)
- 1812-SAM-PRS:  
12" pop-up height (30.5 cm)



Top-of-the-line spray head includes all the features of the SAM and PRS series, ideal regardless of pressure or elevation

## 1800®-SAM-P45 Series

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

NEW

### Features

- Meets the needs of spray body applications using Rotary Nozzles regardless of changing elevation or water pressures. Incorporates 1800 Series SAM feature and regulates nozzle pressure at 45 psi (3.1 bar)
- Designed to maximize application efficiency when using Rotary Nozzles
- Maintains constant outlet pressure at 45 psi (3.1 bar) at varying inlet pressures. Ensures maximum spray body and nozzle performance, even with varying inlet pressures. Maintains constant pressure regardless of nozzle used
- "SAM-PRS-45" stamped on the cap for easy identification and maintenance
- Five-year trade warranty

### Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3 m)\*
- Pressure 25 to 70 psi (1.7 to 4.8 bar)

### Specifications

- SAM capability: holds up to 14 feet (4.2 m) of head; 6 psi (0.4 bar)
- Flow-by: 0 gpm at 8 psi (0.6 bar) or greater; 0.50 gpm (0.11 m³/h; 1.8 l/m) otherwise



SAM-P45

### Dimensions

- ½" (15/21) female threaded inlet
- Body height:  
- 1804-SAM-P45: 6" (15.2 cm)  
- 1806-SAM-P45: 9 ⅜" (23.8 cm)  
- 1812-SAM-P45: 16" (40.6 cm)
- Exposed surface diameter:  
2 ¼" (5.7 cm)

### Models

- 1804-SAM-P45:  
4" pop-up height (10.2 cm)
- 1806-SAM-P45:  
6" pop-up height (15.2 cm)
- 1812-SAM-P45:  
12" pop-up height (30.5 cm)

\* 2.5 to 18 feet with standard Rain Bird Spray Head Nozzles (SQ, MPR, VAN, U-Series); 13 to 24 feet with Rain Bird Rotary Nozzles

### How To Specify

#### 1804- SAM- PRS-P45

Optional Feature  
PRS: 30 psi (2.1 bar) in-stem pressure regulation  
P45: 45 psi (3.1 bar) in-stem pressure regulation

Optional Feature  
SAM: Seal-A-Matic™ check valve

Model  
1804: 4" (10.2 cm) pop-up height

Note: SAM feature included with P45 models

### How To Specify

#### 1804- SAM-P45- R13-18Q

Optional Feature  
SAM: Seal-A-Matic™ check valve  
P45: 45 psi (3.1 bar) in-stem pressure regulation

Nozzle  
Rotary Nozzle  
Radius Range  
13'-18" (4.0-5.5 m)  
17'-24" (5.2-7.3 m)

Pattern  
F=Full (360°)  
TQ=Three-quarter (270°)  
TT=Two-thirds (240°)  
H=Half (180°)  
T=Third (120°)  
Q=Quarter (90°)

Model  
1804: 4" (10.2 cm) pop-up height

Note: Specify sprinkler bodies and nozzles separately.

### RD1800™ Series Spray Heads

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

NEW

- Designed for use with all Rain Bird plastic spray head nozzles – Rotary Nozzles, U-Series, MPR, VAN, HE-VAN and SQ Series
- Parts resistant to corrosion in treated recycled water containing chlorine and other chemicals
- Strong stainless steel spring provides reliable stem retraction and withstands corrosion

#### Features

- Exclusive co-molded, pressure activated Triple-Blade Wiper Seal ensures 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 wiper seal and stem
- 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 UV-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 non Seal-A-Matic™ (SAM) models only
- 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 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

#### Dimensions / Models

- ½" (15/21) NPT female threaded inlet
- Models and height:
  - RD-04: 6" (15 cm) body height; 4" pop-up height (10.2 cm)
  - RD-06: 9 ¾" (24 cm) body height; 6" pop-up height (15.2 cm)
  - RD-12: 16" (40 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)



RD1800 Series

#### 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:

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

#### Models

##### 4" Models

RD-04-NP	RD-04-S-P30
RD-04-S	RD-04-S-P30-F
RD-04-S-NP	RD-04-S-P30-F-N
RD-04-P30-F	RD-04-S-P45-F
RD-04-P30-F-NP	RD-04-S-P45-F-N

##### 6" Models

RD-06	RD-06-S-P30
RD-06-NP	RD-06-S-P30-F
RD-06-S	RD-06-S-P30-F-N
RD-06-S-NP	RD-06-S-P45-F
RD-06-P30-F	RD-06-S-P45-F-N
RD-06-P30-F-NP	

##### 12" Models

RD-12	RD-12-S-P30
RD-12-NP	RD-12-S-P30-F
RD-12-S	RD-12-S-P30-F-N
RD-12-S-NP	RD-12-S-P45-F
RD-12-P30-F	RD-12-S-P45-F-N
RD-12-P30-F-NP	



The RD1800's Triple-Blade Wiper Seal and debris pockets combine to prevent water waste and eliminate stick-ups.

**Exclusive Flow-Shield™ Technology**

Exclusive Flow-Shield™ Technology provides up to 90% reduction in water loss when a nozzle is removed, preventing potentially costly and unacceptable run-off.



**Service Indication Stream**

Exclusive Flow-Shield Technology delivers a low-flow 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.

**Patented Pressure Regulator**

The RD1800's patented pressure regulator increases nozzle efficiency by up to 50% in high pressure applications.



**Triple-Blade Wiper Seal**

The RD1800™ Series features an exclusive Triple-Blade Wiper Seal. The top seal flushes during pop-up and wipes the stem clean during retraction, preventing external debris from entering. During operation, the 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.



New Third Blade



**Reinforced Ratchet Mechanism**

The RD1800's ratchet mechanism was designed to improve ease of use and consistency, hold its setting over time, withstand years of chlorine exposure and provide greater debris resistance.

**Reclaimed Water Resistant**

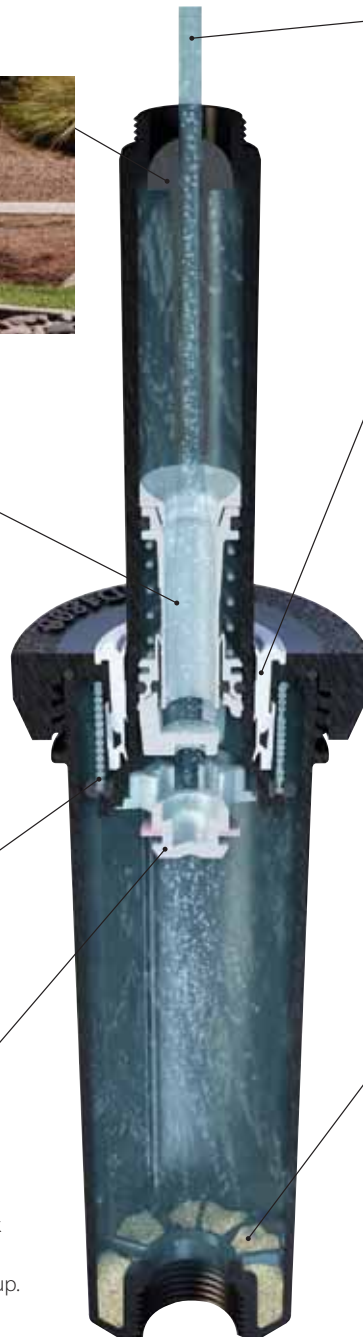
The RD1800 Series is designed with reclaim water resistant materials such as EPDM and Polyester. These materials resist degradation caused by chlorine in reclaimed water, ensuring a longer life.

**Seal-A-Matic™ (SAM) Check Valve**

Exclusive to Rain Bird, the SAM Check Valve holds back up to 14 feet of head and helps eliminate low head drainage, erosion, run-off and water hammer at start-up.

**Unique Debris Pockets**

With each system start-up, the RD1800's unique debris pockets hold grit in place—removing it from circulation and preventing long-term damage.



## RD1800™ SAM Series

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

- Built-in Seal-A-Matic™ (SAM) check valve. Eliminates the need for under-the-head check valves. No parts to be installed at the site
- Stronger retract spring to accommodate elevation changes up to 14' (4.2 m). One of the strongest springs in the industry
- Prevents drainage from spray heads at lower elevations. Stops water waste. Ends landscape damage due to flooding and erosion

### Features

- Incorporates all RD1800 Series features
- Ideal for use in areas with changing elevations
- Retains water in lateral pipes which reduces wear on system components by minimizing water hammer during start-up
- "SAM" printed on the cap for easy identification and maintenance

### 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: 0 at 15 psi (1.0 bar) or greater; 0.5 gpm (0.1 m<sup>3</sup>/h; 0.03 l/s) otherwise
- No side inlet

### Dimensions / Models

- ½" (15/21) NPT female threaded inlet
- Models and height:
  - RD-04-S: 6" (15.2 cm) body height; 4" pop-up height (10.2 cm)
  - RD-06-S: 9 ¾" (23.8 cm) body height; 6" pop-up height (15.2 cm)
  - RD-12-S: 16" (40.6 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)

## RD1800™ SAM PRS Series

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

- Incorporates all RD1800 Series SAM and PRS features
- Meets the needs of all spray areas, regardless of changing elevation or water pressures
- "SAM-PRS" stamped on the cap for easy identification and maintenance

### Operating Range

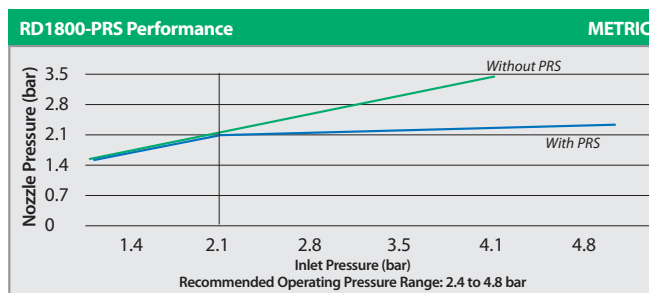
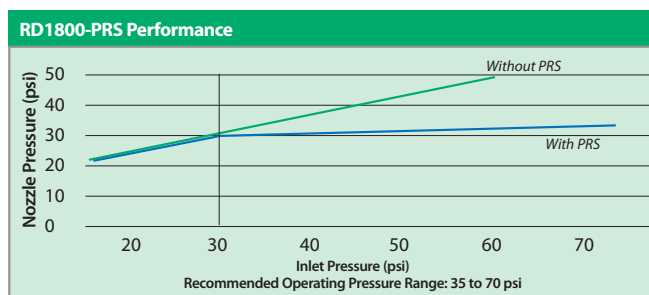
- Spacing: 2.5 to 24 feet (0.8 to 7.3m)
- Pressure: 15 to 100 psi (1.0 to 6.9 bar)

### Specifications

- Flow by: 0 at 15 psi (1.0 bar) or greater; 0.5 gpm (0.1 m<sup>3</sup>/h; 0.03 l/s) otherwise
- Regulates nozzle pressure to an average 30 psi (2.1 bar) with inlet pressures of up to 100 psi (6.9 bar)
- No side inlet

### Dimensions / Models

- ½" (15/21) NPT female threaded inlet
- Models and height:
  - RD-04-S-P30: 6" (15.2 cm) body height; 4" pop-up height (10.2 cm)
  - RD-06-S-P30: 9 ¾" (23.8 cm) body height; 6" pop-up height (15.2 cm)
  - RD-12-S-P30: 16" (40.6 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)



Performance data derived from tests that conform with ASAE Standards; ASAE S398.1. See page 224 for complete ASAE Test Certification Statement.



Exclusive Flow-Shield™ Technology reduces water loss by up to 90% when a nozzle is removed.

## RD1800™ Flow-Shield™ Series

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

- Designed to save water and preserve system hydraulics to maintain proper operation throughout the irrigation zone. Provides protection against plant material loss and reduces likelihood of incurring costly fines as a result of excessive run-off when a nozzle has been removed
- Exclusive Flow-Shield Technology built into the stem. No parts to be installed at the site. Saves water, plant material, time, and money
- Restricts water loss by up to 90% if nozzle is removed from a non-PRS spray head, and up to 50% if nozzle is removed from a PRS spray head

### Features

- Incorporates all RD1800 SAM and PRS features plus:
  - Reduces possibility of accidents and property damage. Recommended for high pressure and vandal-prone areas
  - Provides low flow vertical water jet visible from +200' line of sight when a nozzle has been removed. Height and low flow of vertical water jet causes water to dissipate during descent, reducing puddles and run-off
  - Low flow vertical water jet does not exceed 2 gpm (0.45 m<sup>3</sup>/h; 0.13 l/s), even with varying inlet pressure
  - Low flow vertical water jet decreases likelihood of nozzle removal going unnoticed, prompting nozzle replacement to decrease probability of stressed turf and plant material losses
  - "F" printed on cap for easy identification and maintenance

### 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

### Dimensions / Models

- ½" (15/21) NPT female threaded inlet
- Models and height:
  - RD-04-P30-F, RD-04-S-P30-F, RD-04-S-P45-F: 6" (15.2 cm) body height; 4" pop-up height (10.2 cm)
  - RD-06-P30-F, RD-06-S-P30-F, RD-06-S-P45-F: 9 3/8" (23.8 cm) body height; 6" pop-up height (15.2 cm)
  - RD-12-P30-F, RD-12-S-P30-F, RD-12-S-P45-F: 16" (40.6 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)

## RD1800™ Non-Potable Water Series

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

- Exclusive, non-potable water use indication on cover featuring purple Triple-Blade Wiper Seal, easy-to-read English "DO NOT DRINK", Spanish "NO BEBA" warnings, and international do not drink symbol
- Does not require the use of purple clip caps that can be removed by a vandal
- Does not require use of eye-catching purple molded covers that give away sprinkler location

### Features

- The RD1800 Non-Potable Water Series offers all SAM, SAM PRS, and SAM PRS 45 Flow-Shield Series features
- Provides an alternative to clip-on caps and molded purple covers to identify non-potable water use

### 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

### Dimensions / Models

- ½" (15/21) NPT female threaded inlet
- Models and height:
  - RRD-04-S-NP, RD-04-P30-F-NP, RD-04-S-P30-F-N, RD-04-S-P45-F-N: 6" (15.2 cm) body height; 4" pop-up height (10.2 cm)
  - RD-06-NP, RD-06-S-NP, RD-06-P30-F-NP, RD-06-S-P30-F-N, RD-06-S-P45-F-N: 9 3/8" (23.8 cm) body height; 6" pop-up height (15.2 cm)
  - RD-12-NP, RD-12-S-NP, RD-12-P30-F-NP, RD-12-S-P30-F-N, RD-12-S-P45-F-N: 16" (40.6 cm) body height; 12" pop-up height (30.5 cm)
- Exposed surface diameter: 2 ¼" (5.7 cm)



Standard Cover



Non-Potable Cover

### UNI-Spray™ Series

2", 4" (5.1 cm, 10.2 cm)

- Pressure-activated, multi-functional wiper seal prevents excessive flow-by and water waste. Keeps debris from entering upon retraction
- Durable two-piece stem ratchet allows for quick and easy nozzle pattern alignment
- Rugged cover and body provide durability in high pressure and surge conditions

#### Features

- Small exposed cover makes the unit virtually invisible for more attractive landscapes
- UNI-Spray accepts all Rain Bird® Nozzles and accessories, which simplifies inventory management
  - VAN nozzle and screen are easily removable for flushing
- Internal parts removable from the top of the sprinkler for easy servicing
- Optional field installable Seal-A-Matic™ check valve prevents low-head drainage up to 5 feet (1.5 m) of elevation difference
- Plastic and stainless steel materials resist corrosion

#### Operating Range (for pre-installed nozzle choices)

- Spacing:
  - 10 VAN Series: 8 to 10 feet (2.4 to 3.0 m)
  - 12 VAN Series: 10 to 12 feet (3.0 to 3.7 m)
  - 15 VAN Series: 12 to 15 feet (3.7 to 4.6 m)
  - 18 VAN Series: 14 to 18 feet (4.3 to 5.5 m)
- Pressure: 15 to 70 psi (1.0 to 4.8 bar)
- Optimum pressure: 30 psi (2.1 bar)
- Adjustable nozzle arc range: 0° - 360°

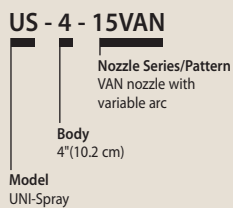
#### Specifications

- Flow-by: 0 at 10 psi (0.75 bar) or greater; 0.20 gpm (0.04 m<sup>3</sup>/h; 0.60 l/m) otherwise

#### Dimensions

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

#### How To Specify



- Body height:
  - US-200: 3¾" (9.5 cm)
  - US-400: 5 7/8" (14.9 cm)
- Exposed surface diameter: 1¼" (3.2 cm)

#### Models\*

- US-400: 4" pop-up height (10.2 cm)
- US-410 VAN 4" pop-up height (10.2 cm) with 10-VAN attached
- US-212 VAN 2" pop-up height (5.1 cm) with 12-VAN attached
- US-412 VAN 4" pop-up height (10.2 cm) with 12-VAN attached
- US-215 VAN 2" pop-up height (5.1 cm) with 15-VAN attached
- US-415 VAN 4" pop-up height (10.2 cm) with 15-VAN attached
- US-418 VAN 4" pop-up height (10.2 cm) with 18-VAN attached
- US-SAM UNI-Spray field installed check valve

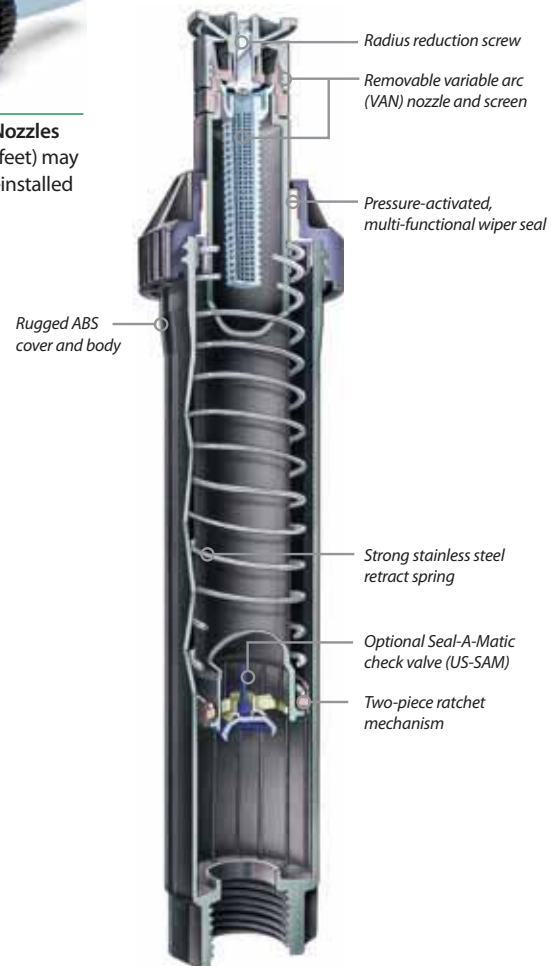
\* The UNI-Spray accepts all Rain Bird nozzles



**Variable Arc Nozzles**  
(10, 12, 15 or 18 feet) may be ordered pre-installed



UNI-Spray™



Pressure-activated wiper seal reduces flow-by during operation.

### 1800® NP Cover

Non-Potable 1800 Spray Head Cover

#### Features

- Designed for excellent retention on 1800 Series Spray Body covers
- Purple plastic cover for easy identification of non-potable water system
- Marked with "Do Not Drink!" warning in both English and Spanish.
- Snaps onto all 1800® Series Spray Body covers

#### Model

- 1800-NPCAP



1800-NPCAP

### 1800®-EXT

Plastic Extension

#### Features

- UV-resistant thermoplastic construction for long life
- Fits all Rain Bird Spray Bodies and Nozzles. Exception: Cannot be used with bubblers
- Easily installed without any tools
- Can be reinstalled without damaging the threads if accidentally knocked off the riser or spray head
- Maximum recommended number: two extensions per spray body

#### Model

- 1800-EXT



1800-EXT

### PA-80

Plastic Adapter

#### Features

- Adapts Rain Bird Spray Bodies for use with any 1/2" (15/21) FPT bubbler or spray nozzle
- Rugged, UV-resistant thermoplastic construction
- Easy to install; no tools required

#### Dimensions

- Height: 1 1/2" (3.8 cm); 0.8" (2.0 cm) above 1800 cap

#### Model

- PA-80



PA-80

### PA-8S

Plastic Shrub Adapter

#### Features

- Adapts Rain Bird Nozzles for use with 1/2" (15/21) MPT threaded risers
- Accepts protective, non-clogging 1800 Series filter screen (shipped with nozzle) and PCS Series screens
- Durable, non-corrosive plastic construction

#### Specifications

- 1/2" (15/21) female inlet threads
- Fine top threads accept all Rain Bird nozzles

#### Model

- PA-8S



PA-8S

### PA-8S-NP

Non-Potable Plastic Shrub Adapter

#### Features

- Purple plastic shrub adapter for easy identification of non-potable water system
- Adapts Rain Bird Nozzles for use with 1/2" (15/21) MPT threaded risers
- Accepts protective, non-clogging 1800 Series filter screen (shipped w/ nozzle) and PCS Series screens
- Durable, non-corrosive plastic construction

#### Specifications

- 1/2" (15/21) female inlet thread
- Fine top threads accept all Rain Bird Nozzles

#### Model

- PA-8S-NP



PA-8S-NP

## PA-8S-PRS

Pressure Regulating Shrub Adapter

### Features

- Adapts nozzles for use with ½" (15/21) MPT threaded risers
- Patented PRS pressure regulator built into the stem. No parts to be installed at the site. Saves time and money
  - Maintains constant outlet pressure at 30 psi (2.1 bar). Ensures maximum spray head and nozzle performance
  - Ends misting and fogging caused by high pressure. Prevents water waste and minimizes liability
  - Restricts water loss by up to 70% if nozzle is removed or damaged. Saves water and money. Reduces liability. Recommended for vandal-prone areas
- Fits all Rain Bird plastic nozzles
- Rugged thermoplastic construction resists UV rays
- Five-year trade warranty

### Operating Range

- Pressure: 15 to 70 psi (1.0 to 4.8 bar)
- Flow: 0.2 to 4.0 gpm (0.05 to 0.91 m<sup>3</sup>/h; 0.06 to 15.0 l/m)

### Specifications

- ½" (15/21) female inlet threads
- Fine top threads accept all Rain Bird nozzles
- Height: 5¼" (13.3 cm)

### Model

- PA-8S-PRS



PA-8S-PRS

## 1800 PCS

Pressure Compensating Screens

- Compensates\* for pressure variations
- Eliminates fogging and water waste caused by high pressures
- Nozzles can be matched with screens to create short-throw, reduced-radius patterns and/or flush-mounted bubblers

### Features

- 0.25 gpm (0.06 m<sup>3</sup>/h; 1.2 l/m) screen allows greater flexibility in achieving 4', 6', and 7' radius patterns
- Color-coded for easy identification
- Use with all 1800 Series plastic nozzles (MPR, VAN, U-Series, Strips and Bubblers)
- Easily installed in new and retrofit applications. Simply replace standard screen with PCS screen

\* With a pressure compensator, outlet pressure will be reduced, but will fluctuate as the inlet pressure changes. A pressure compensator cannot maintain outlet pressure at a constant rate. A pressure regulator establishes and maintains a constant outlet pressure of 30 psi (2.1 bar) as long as the inlet pressure at the spray head is greater than 30 psi (2.1 bar)

### Operating Range

- Flow: 0.20 to 0.90 gpm (0.05 to 0.20 m<sup>3</sup>/h; 0.6 to 3.6 l/m)
- Pressure: 15 to 70 psi (1.0 to 4.8 bar)

### Models

- PCS-020: 0.2 gpm (0.05 m<sup>3</sup>/h; 0.6 l/m) - Brown
- PCS-025: 0.25 gpm (0.06 m<sup>3</sup>/h; 1.2 l/m) - Pink
- PCS-030: 0.3 gpm (0.07 m<sup>3</sup>/h; 1.2 l/m) - Silver
- PCS-040: 0.4 gpm (0.09 m<sup>3</sup>/h; 1.8 l/m) - Orange
- PCS-060: 0.6 gpm (0.14 m<sup>3</sup>/h; 2.4 l/m) - Black
- PCS-090: 0.9 gpm (0.20 m<sup>3</sup>/h; 3.6 l/m) - White

### Recommended Nozzle + PCS Combinations to Achieve 4', 6' and 7' Radii\*

Nozzle	PCS	ft.	m
8Q-FLT	Pink	6'	(1.8)
8Q-FLT	Black	7'	(2.1)
8H-FLT	Pink	4'	(1.2)
8H-FLT	Silver	7'	(2.1)
8F-FLT	Black	4'	(1.2)
8F-FLT	White	7'	(2.1)

**Note:** Radius reduction data tested at 30 psi (1.5 bar). Individual results may vary based on site conditions



1800 PCS Screens

1800 PCS Performance

Flow (gpm) m <sup>3</sup> /h (l/m)	PCS-020 0.2 0.05 (60) Brown		PCS-025 0.25 0.06 (72) Pink		PCS-030 0.3 0.07 (84) Silver		PCS-040 0.4 0.09 (108) Orange		PCS-060 0.6 0.14 (144) Black		PCS-090 0.9 0.20 (216) White	
	Distance	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet
U-8Q	6	(1.8)	7	(2.1)								
U-8T	4	(1.2)	5	(1.5)								
U-8H	4	(1.2)	5	(1.5)								
U-8F					1	(0.3)	3	(0.9)	7	(2.1)		
U-10Q	5	(1.5)	6	(1.8)	10'	(3.1)						
U-10T	4	(1.2)	4	(1.2)	8	(2.4)	10'	(3.1)				
U-10H					5	(1.5)	6	(1.8)	8	(2.4)	9	(2.7)
U-10F									4	(1.2)	9	(2.7)
U-12Q	2'	(0.6)	4	(1.2)	7'	(2.1)	12'	(3.7)				
U-12T			2	(0.6)	6'	(1.8)	8'	(2.4)	12'	(3.7)		
U-12H					3'	(0.9)	4'	(1.2)	7'	(2.1)	11'	(3.4)
U-12TT									6'	(1.8)	9'	(2.7)
U-12TQ									5'	(1.5)	8'	(2.4)
U-12F							3'	(0.9)	6'	(1.8)	8'	(2.4)
U-15Q			3'	(0.9)	6'	(1.8)	11'	(3.4)	15'	(4.6)		
U15T									10'	(3.1)	13'	(4.0)
U-15H					2'	(0.6)	3'	(0.9)	5'	(1.5)	9'	(2.7)
U15TT												
U15TQ												
U-15F									4'	(1.2)	6'	(1.8)
4 (90°)	1'	(0.3)			3'	(0.9)	4'	(1.2)				
4 (180°)			1'	(0.3)	2'	(0.6)	3'	(0.9)	4'	(1.2)		
4 (270°)					1'	(0.3)	2'	(0.6)	4'	(1.2)		
4 (330°)					1'	(0.3)	2'	(0.6)	4'	(1.2)		
6 (90°)			2'	(0.6)	3'	(0.9)	6'	(1.8)				
6 (180°)					2'	(0.6)	4'	(1.2)	6'	(1.8)		
6 (270°)					0.5'	(0.2)	1'	(0.3)	3'	(0.9)	6'	(1.8)
6 (330°)					0.5'	(0.2)	1'	(0.3)	3'	(0.9)	6'	(1.8)
8 (90°)					1'	(0.3)	3'	(0.9)	8'	(2.4)		
8 (180°)					0.5'	(0.2)	2'	(0.6)	4'	(1.2)	8'	(2.4)
8 (270°)							0.5'	(0.2)	3'	(0.9)	5'	(1.5)
8 (330°)							0.5'	(0.2)	3'	(0.9)	5'	(1.5)
10 (90°)					3'	(0.9)	5'	(1.5)	10'	(3.1)		
10 (180°)							1'	(0.3)	5'	(1.5)	7'	(2.1)
10 (270°)							1'	(0.3)	4'	(1.2)	6'	(1.8)
10 (360°)					0.5'	(0.2)	1'	(0.3)	4'	(1.2)	6'	(1.8)
12 (90°)	3'	(0.9)			8'	(2.4)	10'	(3.1)	12'	(3.7)		
12 (180°)					1'	(0.3)	2'	(0.6)	5'	(1.5)	8'	(2.4)
12 (270°)					0.5'	(0.2)	1'	(0.3)	3'	(0.9)	6'	(1.8)
12 (360°)							1'	(0.3)	3'	(0.9)	5'	(1.5)
15 (90°)					2'	(0.6)	5'	(1.5)	11'	(3.4)	15'	(4.6)
15 (180°)					1'	(0.3)	3'	(0.9)	6'	(1.8)	9'	(2.7)
15 (270°)											6'	(1.8)
15 (360°)												
18 (90°)					0.5'	(0.2)	2'	(0.6)	6'	(1.8)	12'	(3.7)
18 (180°)							1'	(0.3)	3'	(0.9)	5'	(1.5)
18 (270°)							0.5'	(0.2)	1'	(0.3)	3'	(0.9)
18 (330°)							0.5'	(0.2)	1'	(0.3)	3'	(0.9)

**Bold green type indicates recommended nozzle/screen combination to achieve catalog performance at 30 psi (2.1 bar)**

**Bold blue type indicates satisfactory nozzle/screen combination**

Black type indicates a nozzle/screen combination that provides a throw reduction of more than 50%. With these nozzle/screen combinations a uniform spray pattern is not assured and a bubbler effect may result

**Note:** Screens were tested at 50 psi (3.5 bar) for 10 minutes prior to taking distance measurements. Distances may vary slightly with higher pressures and longer run-times  
**Note:** Refer to catalog notation for proper nozzle selection

### 1800 PCS Performance

Flow (gpm) m <sup>3</sup> /h (l/m)	PCS-020 0.2 0.05 (60) Brown		PCS-025 0.25 0.06 (72) Pink		PCS-030 0.3 0.07 (84) Silver		PCS-040 0.4 0.09 (108) Orange		PCS-060 0.6 0.14 (144) Black		PCS-090 0.9 0.20 (216) White		
	Distance	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters
5Q													
5T													
5H	<b>5'</b>	<b>(1.5)</b>	<b>6'</b>	<b>(1.8)</b>									
5F					<b>5'</b>	<b>(1.5)</b>							
8Q	<b>8'</b>	<b>(2.4)</b>	<b>10'</b>	<b>(3.1)</b>									
8T	<b>6'</b>	<b>(1.8)</b>	<b>6.5'</b>	<b>(2.0)</b>	<b>7'</b>	<b>(2.1)</b>	<b>8'</b>	<b>(2.4)</b>					
8H	<b>5'</b>	<b>(1.5)</b>	<b>6'</b>	<b>(1.8)</b>	<b>7'</b>	<b>(2.1)</b>	<b>8'</b>	<b>(2.4)</b>					
8F					2'	(0.6)	3'	(0.9)	<b>8'</b>	<b>(2.4)</b>			
10Q	<b>6'</b>	<b>(1.8)</b>	<b>8'</b>	<b>(2.4)</b>	<b>8'</b>	<b>(2.4)</b>	<b>10'</b>	<b>(3.1)</b>					
10T	4'	(1.2)	<b>5'</b>	<b>(1.5)</b>	<b>9'</b>	<b>(2.7)</b>	<b>10'</b>	<b>(3.1)</b>					
10H	3'	(0.9)	4'	(1.2)	<b>6'</b>	<b>(1.8)</b>	<b>8'</b>	<b>(2.4)</b>	<b>10'</b>	<b>(3.1)</b>			
10F							1'	(0.3)	4'	(1.2)	<b>8'</b>	<b>(2.4)</b>	
12Q	3'	(0.9)	<b>7'</b>	<b>(2.1)</b>	<b>8'</b>	<b>(2.4)</b>	<b>11'</b>	<b>(3.4)</b>	<b>12'</b>	<b>(3.7)</b>			
12T	2'	(0.6)	4'	(1.2)	<b>6'</b>	<b>(1.8)</b>	<b>10'</b>	<b>(3.1)</b>	<b>11'</b>	<b>(3.4)</b>	<b>12'</b>	<b>(3.7)</b>	
12H					4'	(1.2)	<b>6'</b>	<b>(1.8)</b>	<b>10'</b>	<b>(3.1)</b>	<b>12'</b>	<b>(3.7)</b>	
12TT					2'	(0.6)	4'	(1.2)	<b>6'</b>	<b>(1.8)</b>	<b>9'</b>	<b>(2.7)</b>	
12TQ					2'	(0.6)	3'	(0.9)	<b>6'</b>	<b>(1.8)</b>	<b>8'</b>	<b>(2.4)</b>	
12F							2'	(0.6)	5'	(1.5)	<b>7'</b>	<b>(2.1)</b>	
15Q	3'	(0.9)	4'	(1.2)	5'	(1.5)	<b>9'</b>	<b>(2.7)</b>	<b>12'</b>	<b>(3.7)</b>	<b>15'</b>	<b>(4.6)</b>	
15T			2'	(0.6)	5'	(1.5)	7'	(2.1)	<b>12'</b>	<b>(3.7)</b>	<b>14'</b>	<b>(4.3)</b>	
15H					3'	(0.9)	4'	(1.2)	7'	(2.1)	<b>11'</b>	<b>(3.4)</b>	
15TT					1'	(0.3)	2'	(0.6)	4'	(1.2)	<b>8'</b>	<b>(2.4)</b>	
15TQ											6'	(1.8)	
15F											4'	(1.2)	
5Q-B	2'	(0.6)	<b>3</b>	<b>(0.9)</b>	<b>4'</b>	<b>(1.2)</b>	<b>5'</b>	<b>(1.5)</b>					
5H-B					1'	(0.3)	2'	(0.6)	<b>5'</b>	<b>(1.5)</b>			
5F-B							1'	(0.3)	2'	(0.6)	<b>3'</b>	<b>(0.9)</b>	
5CST-B	1'	(0.3)	2	(0.6)	<b>3'</b>	<b>(0.9)</b>	<b>5'</b>	<b>(1.5)</b>					
9SST												<b>7' x 12'</b>	<b>(2.1 x 3.7)</b>
15CST								<b>4' x 12'</b>	<b>(1.2 x 3.7)</b>	<b>4' x 24'</b>	<b>(1.2 x 7.3)</b>	<b>4' x 30'</b>	<b>(1.2 x 9.1)</b>
15SST								<b>2' x 10'</b>	<b>(0.6 x 3.1)</b>	<b>3' x 20'</b>	<b>(0.9 x 6.1)</b>	<b>4' x 26'</b>	<b>(1.2 x 7.9)</b>
15EST						<b>3' x 12'</b>	<b>(0.9 x 3.7)</b>	<b>4' x 15'</b>	<b>(1.2 x 4.6)</b>				
15LCS	1' x 5'	(0.3 x 1.5)	1' x 7'	(0.3 x 2.1)	<b>1' x 12'</b>	<b>(0.3 x 3.7)</b>							
15RCS	1' x 5'	(0.3 x 1.5)	1' x 7'	(0.3 x 2.1)	<b>1' x 12'</b>	<b>(0.3 x 3.7)</b>							

**Bold green type indicates recommended nozzle/screen combination to achieve catalog performance at 30 psi (2.1 bar)**

**Bold blue type indicates satisfactory nozzle/screen combination**

Black type indicates a nozzle/screen combination that provides a throw reduction of more than 50%. With these nozzle/screen combinations a uniform spray pattern is not assured and a bubbler effect may result

**Note:** Screens were tested at 50 psi (3.5 bar) for 10 minutes prior to taking distance measurements. Distances may vary slightly with higher pressures and longer run-times  
**Note:** Refer to catalog notation for proper nozzle selection

Spray Bodies

MPR

Bubbler

Strip

# Facts About Rain Bird's Commitment to Support Water Conservation Efforts

## Rain Bird has hosted 12 Intelligent Use of Water™ Summits since 2004



- Summits convene water, environmental and green industry experts from around the world to discuss strategies and initiatives in outdoor water conservation
- Past Summit locations: California; Arizona; Washington, DC; France; Spain; Australia
- View past Summit proceedings (via video and PDFs) at: <http://www.rainbird.com/corporate/IUOW/summits.htm>

## Rain Bird educates our industry and our communities on water conservation



- Rain Bird has published four white papers that examine the global water crisis and explore potential solutions
- White papers available for free at: <http://www.rainbird.com/corporate/IUOW/whitepapers.htm>
- Rain Bird has published two educational curricula for elementary students and their teachers on water conservation
- Curricula available for free at: <http://www.rainbird.com/corporate/IUOW/education.htm>

## Rain Bird's Intelligent Use of Water Awards provide grants to promote outdoor water conservation



- The interactive grant program awards funds to water conservation and environmental sustainability projects that promote water conservation and green spaces in communities around the world.
- Visit <http://IUOWAwards.com> to learn more

## Rain Bird presents The Intelligent Use of Water Film Competition



- Filmmakers and green industry professionals are invited to share their thoughts on responsible water use through the powerful medium of film
- The top short film submissions (1-10 minutes in length) are shown at a special screening event in LA
- Winners receive cash prizes
- To see past winning entries, go to: <http://www.iuowfilm.com>

## Rain Bird sponsors National Public Gardens Day



- In partnership with the American Public Gardens Assoc. (APGA), Rain Bird seeks to raise awareness of the role botanic gardens, arboreta, conservatories and zoological gardens play as stewards of the environment
- National spokesperson Paul James (host of HGTV's Gardening by the Yard) conducts interviews with print, TV, radio and online outlets from across the country and hosts TV and radio public service announcements focusing on public gardens' educational activities in plant management and water conservation
- Celebrated the Friday before Mother's Day
- Visit <http://nationalpublicgardensday.org> to learn more