



Spray Bodies

Major Products

	1802, 1804, 1806	1812	1800 SAM	1800 SAM-PRS	US-400	1300/ 1400 Bubblers	PA-80 PA-85	RD-04, RD-06	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							●	●	●	●



Water Saving Tips

- 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/RD1800 Series Sprays featuring Seal-A-Matic™ (SAM) check valves.
- Exclusive Flow Shield Technology available in the RD1800 Series provides up to 90% reduction in water loss when a nozzle is removed, preventing potentially costly and unacceptable run-off.

UNI-Spray™ Series

Compact and reliable spray heads for any application

Features

- Small exposed cover makes the unit virtually invisible for more attractive landscapes
- Constructed of durable materials including corrosion resistant stainless steel, assuring long product life even in high pressure or surge conditions
- Pressure-activated wiper seal prevents excessive flow-by and water waste and keeps debris from entering upon retraction
- Two-piece ratchet mechanism allows easy nozzle pattern alignment and provides added durability
- Three Year Trade Warranty

Operating Range

- Spacing: 0.8 to 7.3m**
- Pressure: 1.0 to 4.8 bar

Specifications

- Flow-by: 0 at 0.75 bar or greater; 0.04 m³/h; 0.60 l/m otherwise

Models*

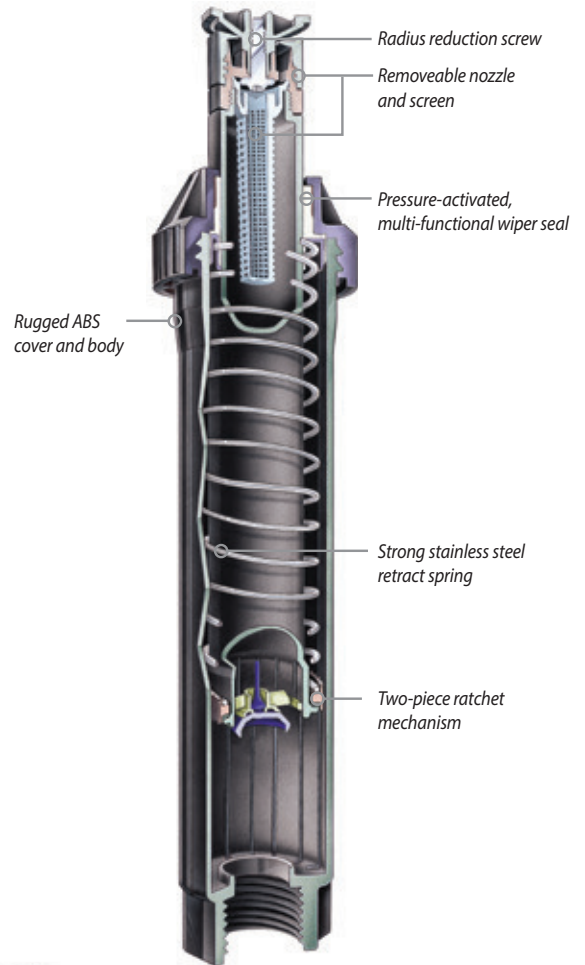
Select models shown. Review your regional price list for complete availability.

- US400: 10 cm (4") pop-up height, body only
- US410: 10 cm (4") pop-up height with VAN-10 attached
- US412: 10 cm (4") pop-up height with VAN-12 attached
- US415: 10 cm (4") pop-up height with VAN-15 attached
- US418: 10 cm (4") pop-up height with VAN-18 attached

Models with High-Efficiency Nozzles Pre-Attached*

- US408HE: 10 cm (4") pop-up height with HE-VAN-8 attached
- US410HE: 10 cm (4") pop-up height with HE-VAN-10 attached
- US412HE: 10 cm (4") pop-up height with HE-VAN-12 attached
- US415HE: 10 cm (4") pop-up height with HE-VAN-15 attached

* The UNI-Spray accepts all Rain Bird nozzles



UNI-Spray™



High Efficiency
Variable Arc Nozzles
(2.4 m, 3.0 m, 3.7 m, or 4.6 m)
are available pre-installed

How to Specify

US - 4 - 10HE

Nozzle Series/Pattern
HE-VAN nozzle
R-VAN18 Nozzle

Body
10.2cm (4")

Model
UNI-Spray

1800® Series

The #1 irrigation spray head in the world

Features

- Co-molded wiper seal provides unmatched resistance to grit, pressure and the environment
- Constructed of time-proven UV-resistant plastic and corrosion resistant stainless steel parts, ensuring long product life
- Precision controlled flush at pop-down clears debris from unit, assuring positive stem retraction in all soil types
- Two-piece ratchet mechanism allows easy nozzle pattern alignment and provides added durability
- Five Year Trade Warranty

Operating Range

- Spacing: 0.8 to 7.3m**
- Pressure: 1.0 to 4.8 bar

Specifications

- Flow-by: 0 at 0.6 bar or greater; 20 l/h otherwise

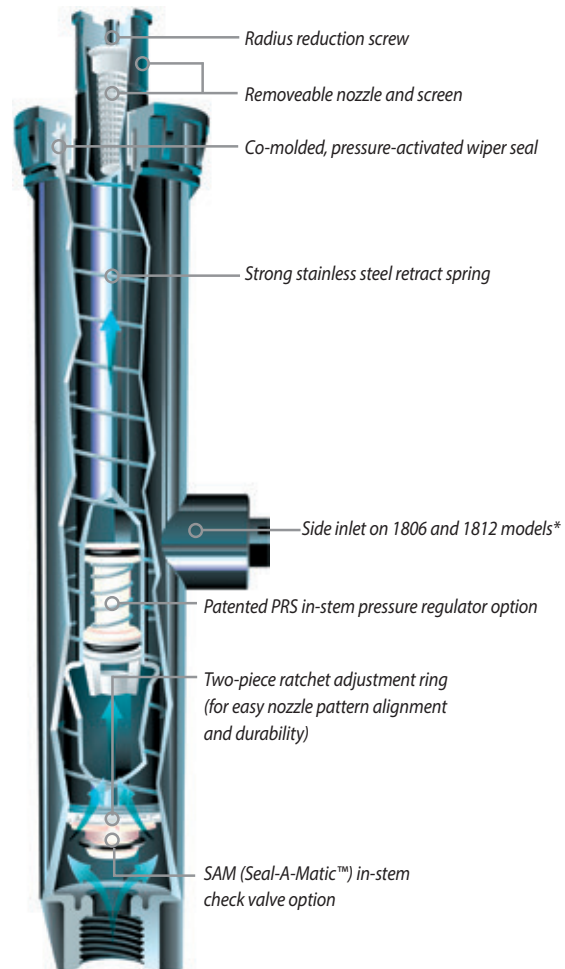
Dimensions/Models

Select models shown. Review your regional price list for complete availability.

- ½" NPT female threaded inlet
- Models and height:
 - 1802: 10 cm (4") body height; 5 cm (2") pop-up height
 - 1804: 15 cm (6") body height; 10 cm (4") pop-up height
 - 1806: 23 cm (9 3/8") body height; 15 cm (6") pop-up height
 - 1812: 40 cm (16") body height; 30 cm (12") pop-up height
- Exposed surface diameter: 5.7 cm

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

** 0.8m to 4.6m with standard Rain Bird Spray Head Nozzles (SQ, U-Series, HE-VAN) 2.4m to 7.3m with Rain Bird Rotary Nozzles (R-VAN)



How to Specify

1804 SAM-PRS

Option

- SAM: Seal-A-Matic™ check valve
- PRS: Pressure regulator (30psi)
- P45: Pressure regulator (45psi)

Pop-up Height

- 1802: 5 cm (2") pop-up height
- 1804: 10 cm (4") pop-up height
- 1806: 15 cm (6") pop-up height
- 1812: 30 cm (12") pop-up height

Model

1800 Series Spray Bodies

1800®-SAM, 1800®-PRS, 1800®-P45, 1800®-SAM-PRS, 1800®-SAM-P45 Series

10.2 cm, 15.2 cm, 30.5 cm

Features

- **1800®-SAM Series:** Built-in Seal-A-Matic™ (SAM) check valve. Eliminates the need for under-the-head check valves. Traps water in lateral pipes in elevation changes of up to 4.2 m. Reduces wear on system components by minimizing water hammer during start-up
- **1800®-PRS Series:** Maintains constant outlet pressure at 2.1 bar. PRS pressure regulator built into the stem simplifies system design. Eliminates misting and fogging caused by high pressure. Saves time and money
- **1800®-P45 Series:** Maintains constant outlet pressure at 3.1 bar. P45 pressure regulator built into the stem simplifies system design. Eliminates misting and fogging caused by high pressure. Saves time and money
- **1800®-SAM-PRS Series:** Incorporates all 1800 Series SAM and PRS features. Meets the needs of all spray areas, regardless of changing elevation or water pressures
- **1800®-SAM-P45 Series:** Incorporates all 1800 Series SAM and P45 features. Maintains constant outlet pressure at 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

Specifications

- 10.2 cm, 15.2 cm, 30.5 cm
- SAM capability: holds up to 4.2 m of head; 0.4 bar
- PRS and P45 models regulate nozzle pressure to an average 2.1 or 3.1 bar with inlet pressures of up to 4.8 bar
- Flow-by: 0 at 0.6 bar or greater; 0.02 m³/h; 0.36 l/m otherwise
- Installation: side or bottom inlet
- Side inlet installation not recommended in freezing climates
- Five Year Trade Warranty

1800®-SAM Models

- 1804-SAM: 10 cm (4") pop-up height
- 1806-SAM: 15 cm (6") pop-up height
- 1812-SAM: 30 cm (12") pop-up height

1800®-PRS Models

- 1804 PRS: 10 cm (4") pop-up height
- 1806 PRS: 15 cm (6") pop-up height
- 1812 PRS: 30 cm (12") pop-up height

1800®-P45 Models

- 1804 P45: 10 cm (4") pop-up height
- 1806 P45: 15 cm (6") pop-up height
- 1812 P45: 30 cm (12") pop-up height

1800®-SAM-PRS Models

- 1804-SAM-PRS: 10 cm (4") pop-up height
- 1806-SAM-PRS: 15 cm (6") pop-up height
- 1812-SAM-PRS: 30 cm (12") pop-up height

1800®-SAM-P45 Models

- 1804-SAM-P45: 10 cm (4") pop-up height
- 1806-SAM-P45: 15 cm (6") pop-up height
- 1812-SAM-P45: 30 cm (12") pop-up height

Operating Range

- Spacing: 0.8 to 7.3m*
- Pressure: 1.0 to 4.8 bar



1800-SAM



1800-PRS



1800-PRS-45



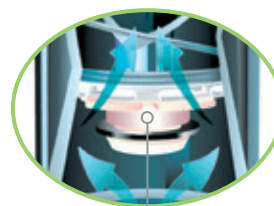
1800-SAM-PRS



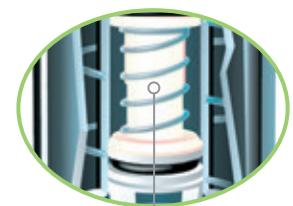
1800-SAM-P45



When using 2.1 bar and 3.1 bar pressure regulating spray heads



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



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

* 0.8m to 5.5m with standard Rain Bird Spray Head Nozzles (SQ, MPR, VAN, HE-VAN, U-Series), 2.4m to 7.3m with Rain Bird Rotary Nozzles (R-VAN)

RD1800™ Series Spray Heads

Robust Design for Harsh Applications

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™ SAM P45 Series:** Incorporates all RD1800 Series SAM and P45 features. Ensures maximum spray body and nozzle performance even with varying inlet pressures. Recommended for use with rotary nozzles (R-VAN)
- RD1800™ Flow-Shield™ Series:** Provides low flow vertical water jet visible from +61 meter 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

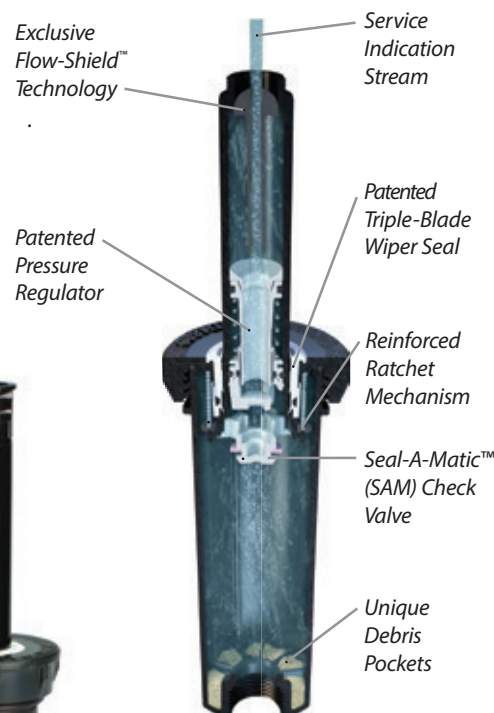
- Spacing: 0.8 to 7.3 m
- Pressure: 1.0 to 6.9 bar

Specifications

- 10.2 cm; 15.2 cm; 30.5 cm
- SAM capability: Holds up to 4.2 m of head; 0.3 bar
- Flow-by: SAM Models: 0 at 1.0 bar or greater; 0.1 m³/h; 0.03 l/s otherwise
All Other Models: 0 at 0.7 bar or greater; 0.1 m³/h; 0.03 l/s otherwise
- SAM-PRS models regulate nozzle pressure to an average 2.1 bar with inlet pressures of up to 6.9 bar
- SAM-P45 models regulate nozzle pressure to an average 3.1 bar with inlet pressures of up to 6.9 bar
- Five-year trade warranty

Dimensions

- ½" NPT female threaded inlet



RD1800 Series



When using 2.1 bar and 3.1 bar pressure regulating spray heads

Models

10 cm (4")	15 cm (6")	30 cm (12")
RD04	–	–
RD04-NP	–	–
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



Standard Cover



Non-Potable Cover

How to Specify

RD-XX - X - Nozzle

Nozzle
See R-VAN, 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" (30.5 cm) pop-up height

Notes:

Specify sprinkler bodies and nozzles separately.

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-NP



1800-NP

PA

Plastic Shrub Adapter

Features

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

Specifications

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

Model

- PA-8S
- PA-8S-NP



PA-8S

PA-8S-NP

PA-80

Plastic Adapter

Features

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

Dimensions

- Height: 3.8 cm; 2.0 cm above 1800 cap

Model

- PA-80



PA-80

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

Model

- 1800-EXT



1800-EXT

Spray Bodies

PA-8S-PRS & PA-8S-P45

30 psi and 45 psi Pressure Regulating Shrub Adapters

Features

- Adapts nozzles for use with 1/2" (15/21) NPT threaded risers
- Patented PRS pressure regulator built into the stem. No parts to be installed at the site. Saves time and money
 - Maintains constant pressure at 2,1 bar or 3,1 bar
 - 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

Operating Range

- Pressure: 1.0 to 4.8 bar
- Flow: 0.05 to 0.91 m³/h; 0.06 to 15.0 l/m

Specifications

- 1/2" female inlet threads
- Fine top threads accept all Rain Bird nozzles
- Height: 13.3 cm

Models

- PA-8S-PRS
- PA-8S-P45



PA-8S-PRS & PA-8S-P45

SPX Series Swing Pipe

Swing Pipe with Spiral Barb Fittings Provides a Flexible Swing Assembly for Sprays and Rotors

Features and Benefits

• **SPX-FLEX100**

- Superior flexibility allows pipe to be efficiently routed around hardscape, terraces, and uneven terrain to turn landscape design into reality
- Textured surface makes product easier to handle, contributing to labor efficiency, especially under wet conditions
- Resists kinking
- Quick and easy installation lowers material and labor costs
- Installs quickly leaving time for additional system installations and incremental revenue opportunities

Specifications

- Inside diameter: 1.24 cm
- Operating pressure: 5.5 bar
- Temperature: 43° C

Models

- SPX-FLEX-100: 30 m (100') coil



SPX-FLEX

Extra Flexible Kink-Resistant Swing Pipe

- Same High Quality
- NOW 25% More Flexible

SPX-FLEX100

SB Series Spiral Barb Fittings

A Natural Product Complement to SPX Series Swing Pipe

Features and Benefits

- Fittings are made of robust acetal material to make connecting swing pipe fast and easy
- Easy twist-in insertion – no glue or clamps needed for installation
- Aggressive barb lip makes a secure connection that is less likely to leak

- Broad range of shapes and sizes allow the contractor to choose the best fitting for the application
- Extended length and aggressive barb lip prevent blow outs, reducing likelihood of contractor call backs

Specifications

- Operating pressure: 5.5 bar
- Temperature: Up to 43° C

Models

- SB-CPLG: ½" barb x ½" barb coupling
- SBA-050: ½" M NPT x ½" barb adapter
- SBE-075: ¾" M NPT x ½" barb elbow
- SBE-050: ½" M NPT x ½" barb elbow
- SB-TEE: ½" barb x ½" barb x ½" barb tee



SA Series

Swing Assemblies Connect Heads to Lateral Pipes.

Features

- Quality alternative to locally assembled swing pipe/spiral barb fittings that do not carry a manufacturer's warranty
- Comprehensive range of products support a variety of landscape solutions
- Complementary engineered fittings and spray heads instill confidence in product specification



SA Series

Specifications

- The operating range of the Rain Bird Swing Assemblies matches or exceeds the operating range for most 1.3 cm sprays and 1.9 cm rotors
- Operating pressure: Up to 5.5 bar
- Surge pressure: Up to 15.5 bar
- Temperature: Up to 43° C
- Maximum flow: 0.5 l/sec

Models

Select models shown. Review your regional price list for complete availability.

	Length	Inlet/Outlet
• SA-6050	15.2 cm	½" (1.3 cm)
• SA-125050	30.5 cm	½" (1.3 cm)

How to Specify

SA 12 5050

Inlet/Outlet
050: 1.3 cm x 1.3 cm
5050: 1.3 cm x 1.3 cm
7575: 1.9 cm x 1.9 cm

Length
18" (45.7 cm)
12" (30.5 cm)
6" (15.2 cm)

Model
Swing Assembly



Swing Pipe Flexible Sprinkler Assembly