A Full-Featured Family to Make Your Job Easier

The Intelligent Use of Water™

Leadership · Education · Partnerships · Products

At Rain Bird, we believe it is our responsibility to develop products and technologies that use water efficiently. Our commitment also extends to education, training and services for our industry and our communities.

The need to conserve water has never been greater. We want to do even more, and with your help, we can. Visit www.rainbird.com for more information about The Intelligent Use of Water™.

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RAIN BIRD®

Rain Bird® Rotors

Superior Performance, Versatility, and Durability... Ready for Any Application

3500 | 5000 | Falcon® 6504 | 8500 Series

RAIN BIRD®

Whatever the residential or commercial application, Rain Bird Rotors have it covered.

Rain Bird Rotors set the standard for durability and reliable performance. There's a Rain Bird Rotor for every application—low pressure, steep slopes, high wind, non-potable water, even vandalism. Choose Rain Bird Rotors. Get the results you seek.

Quick Guide to Rotor Model Numbers

3504

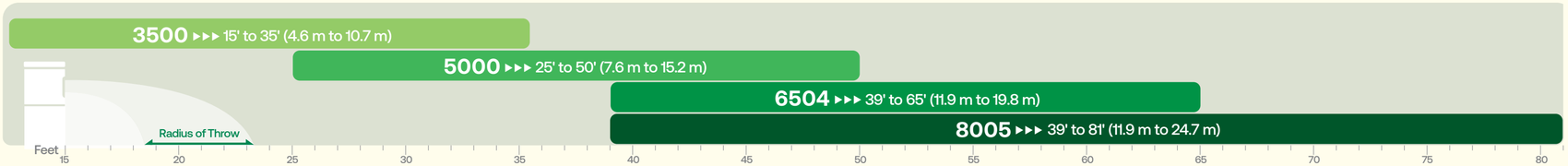
- **Distance of Throw**: 35 = 35' (10.7 m)
- **Pop-Up Height**: 04 = 4" (10.2 cm)

How to Specify

5004-S-+-PC-SAM-R-NP-SS

- **Model**: 3504, 5004, 5006, 6504, 8005
- **Model**: Shrub
- **Model**: Plus Flow Shut-off
- **Rotation**: "PC" for 40-360°, "FC" for 360° only
- **Optional Feature**: SAM: Seal-A-Matic; R: PRS Pressure Regulation; NP: Non-potable Cover; SS: Stainless Steel

Note: Certain specifications are not available for some rotor series.



3500 Series

- 0.37 to 0.83 in/hr (9 to 21 mm/h)
- 25 to 55 psi (1.7 to 3.8 bar)
- 0.54 to 4.6 gpm (2.0 to 17.4 l/m) (0.12 to 1.04 m³/h)
- 4" (10.2 cm)
- Shrub: 7" (17.8 cm) 4": 6⅝" (16.8 cm)
- ½" NPT

Standard Features

- Attached nozzle tree of six Rain Curtain™ Nozzles deliver superior performance
- Top-adjust arc adjustment requiring only a flathead screwdriver
- Optimized for short to mid-distance applications
- Quick check arc/fast forward
- Easily removable filter screen
- Dual action, positive stop wiper seal protects internals from debris and assures positive pop-up and retraction
- 3 year trade warranty

Options

- **SAM Seal-A-Matic™** check valves prevent low head drainage and erosion

5000 Series

- 0.20 to 1.50 in/hr (5 to 37 mm/h)
- 25 to 65 psi (1.7 to 4.5 bar)
- 0.76 to 9.63 gpm (3.0 to 36.6 l/m) (0.17 to 2.19 m³/h)
- Shrub: 4" (10.2 cm) 6" (15.2 cm)
- Shrub: 7 3/4" (19.7cm) 4": 7⅜" (18.5 cm) 6": 9⅞" (24.5 cm)
- ¾" NPT

Standard Features

- Slip clutch left edge finder
- Self flushing port
- Standard and Low angle nozzles
- Rain Curtain nozzles
- 5 year warranty

Options

- **Plus (PL) Flow shutoff – "The Green Top."** Reduce downtime on jobs by flushing and nozzling rotors without running back and forth to the controller or valves
- **PRS (R)** with flow optimizer technology. The 45 psi pressure regulator lowers water bills, provides exact flow of each rotor, equalizes lateral lines, and eliminates misting and fogging
- **SAM Seal-A-Matic** check valve
- **Stainless steel (SS) riser** helps deter vandalism on public turf areas (available on 4 and 6" models)
- **Purple cover (NP)** for non-potable systems

Falcon® 6504 Series

- 0.37 to 1.26 in/hr (9 to 32 mm/h)
- 30 to 90 psi (2.1 to 6.2 bar)
- 2.9 to 21.7 gpm (10.8 to 82.2 l/m) (0.66 to 4.93 m³/h)
- 4" (10.2 cm)
- 8½" (21.6 cm)
- 1" NPT or BSP

Standard Features

- Ratcheting stem just like standard spray bodies
- 3-port, color-coded Rain Curtain nozzles for optimal long range, mid-range, and close-in watering
- Easy arc adjustment (part-circle model) through top of rotor from 40° to 360°
- SAM Seal-A-Matic check valve
- Heavy-duty, stainless steel retract spring ensures positive pop-down
- 5 year warranty

Options

- **Stainless steel (SS) riser** helps deter vandalism on public turf areas
- **Purple cover (NP)** for non-potable systems

8005 Series

- 0.48 to 1.23 in/hr (12 to 31 mm/h)
- 50 to 100 psi (3.5 to 6.9 bar)
- 3.8 to 36.3 gpm (14.4 to 137.4 l/m) (0.86 to 8.24 m³/h))
- 5" (12.7 cm)
- 10⅛" (25.7 cm)
- 1" NPT or BSP

Standard Features

- Vandal resistance
- Brass reinforced turret for increased side impact durability
- Non strippab le gear drive
- Memory Arc
- Part and Full Circle in one head
- Independent left and right edge adjustment
- SAM Seal-A-Matic check valve
- 3-port, color-coded Rain Curtain nozzles for optimal long-range, mid-range, and close-in watering
- 5 year warranty

Options

- **Stainless steel (SS) riser** helps deter vandalism on public turf areas
- **Purple cover (NP)** for non-potable systems

5000PRS Pressure Regulating System:

Savings That Add Up

The Problem

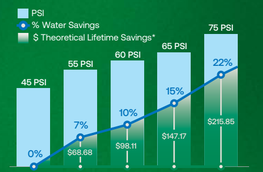
- Studies indicate that the average inlet water pressure in the U.S. is 73 psi, with many sites exceeding 100 psi.
- But when pressure exceeds the recommended level of 45 psi, rotor performance suffers and results in wasted water and money.

The Solution

- The Rain Bird Pressure Regulating Stem (PRS), is designed specifically to keep performance at optimal levels regardless of varying inlet pressure.
- PRS can provide significant water savings, cost savings, and improved performance vs. non-PRS systems.

The Proof

PRS Rotors Testing



The savings reaped per rotor can be multiplied across an entire system, resulting in significant differences financially and in gallons of water used.

**Theoretical Lifetime Savings is normalized water savings based on EPA WaterSense estimate of average US household/outdoor water use, an average cost/1,000 gallons of water in the US and an average product lifespan of 7 years. The totals are theoretical. Actual water savings will vary based on conditions. For more information on Rain Bird® PRS technology, visit PRS.rainbird.com.*