Rain Bird Rotors
Superior Performance, Versatility, and Durability Ready for Any Application
A Full-Featured Family to Make Your Job Easier

- **Purple Top** Indicates non-potable water use
- **Tan Top** High Speed version for dust suppression
- **Stainless Steel Riser** for added protection against vandals
- **Arc Adjustment Slot**
- **Radius Adjustment Slot**
- **Right and Left Edge Arc Adjustment Slots**
- **Brass Reinforced Turret**
- **Full/Part Circle Adjustment Slot**
- **Side Pry™ Slot**
- **Green Top** Flow Shut Off
- **PRS/SAM Indication** for easy identification
- **5500 Series Short Radius Nozzle Tree**
- **5500 Series Rain Curtain™ Nozzles**
- **6504 and 8005 Series Rain Curtain™ Nozzles**
- **3500 Series Nozzle Tree** includes six Rain Curtain Nozzles
- **5000 Series Nozzle Tree** includes four low angle and eight standard angle Rain Curtain Nozzles
- **ROTORTOOL** Flat blade screwdriver and pull-up tool all in one
- **TSJ/TSJ-PRS Series Swing Joints** connect rotors or Quick Coupler Valves to lateral pipes

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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’ (10.7m)

Pop-Up Height: 04 = 4” (10.2 cm)

How to Specify

**5004-S-PL-PC-SAM-R-NP-SS-HS**

Model
- 3504
- 5004
- 5006
- 5012
- 5505
- 6504
- 8005

Optional Feature
- SAM: Seal-A-Matic
- R: PRS Pressure Regulation
- NP: Non-potable Cover
- SS: Stainless Steel
- HS: High Speed

Model
- Plus Flow Shutoff

Rotation
- “PC” for 40-360 degrees
- “FC” for 360 degree only

Standard Features

- Attached nozzle tree of six Rain Curtain™ Nozzles deliver superior performance
- Top-adjust arc adjustment requiring only a flathead screwdriver
- Radius adjustment screw allows up to 25% radius reduction without changing nozzles
- 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
- **Purple cover (NP)** for easy identification of non-potable systems

Note: Certain specifications not available for some rotor series.
5000 Series

- 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

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5505 Series

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

### Specifications

**5000 Series**
- **Flow Rate:** 0.20 to 1.01 in/hr (5 to 26 mm/h)
- **Pressure:** 25 to 65 psi (1.7 to 4.5 bar)
- **GPM:** 0.76 to 9.63 gpm (3.0 to 36.6 l/m)
- **Shrub Size:**
  - 4” (10.2 cm)
  - 6” (15.2 cm)
  - 12” (30.5 cm)

**5505 Series**
- **Flow Rate:** 0.21 to 1.48 in/hr (6.3 to 33.8 mm/h)
- **Pressure:** 40 to 90 psi (2.8 to 6.2 bar)
- **GPM:** 1.2 to 15.5 gpm (4.5 to 58.9 l/m)
- **Shrub Size:**
  - 5” (12.7 cm)
  - 9¼” (23.5 cm)
  - ¾” (20/27) NPT
### 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
- Self-adjusting stator does not require replacement when changing nozzles
- 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
- **High Speed (HS) “Tan Top”** version for dust suppression

### Standard Features

- Vandal resistance
- Brass reinforced turret for increased side impact durability
- Non strippable 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

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### Falcon® 6504 Series

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Flow Rate</td>
<td>0.37 to 1.14 in/hr (9 to 29 mm/h)</td>
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<tr>
<td>Pressure Range</td>
<td>30 to 90 psi (2.1 to 6.2 bar)</td>
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<tr>
<td>Discharge Capacity</td>
<td>2.9 to 21.7 gpm (10.8 to 82.2 l/m)</td>
</tr>
<tr>
<td>Max. Height</td>
<td>4” (10.2 cm)</td>
</tr>
<tr>
<td>Max. Diameter</td>
<td>8½” (21.6 cm)</td>
</tr>
<tr>
<td>Inlet Size</td>
<td>1” (26/34) NPT or BSP</td>
</tr>
</tbody>
</table>

### 8005 Series

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<tr>
<th>Feature</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Flow Rate</td>
<td>0.48 to 1.23 in/hr (12 to 31 mm/h)</td>
</tr>
<tr>
<td>Pressure Range</td>
<td>50 to 100 psi (3.5 to 6.9 bar)</td>
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<tr>
<td>Discharge Capacity</td>
<td>3.8 to 36.3 gpm (14.4 to 137.4 l/m)</td>
</tr>
<tr>
<td>Max. Height</td>
<td>5” (12.7 cm)</td>
</tr>
<tr>
<td>Max. Diameter</td>
<td>10½” (25.7 cm)</td>
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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™.

The Intelligent Use of Water™
LEADERSHIP • EDUCATION • PARTNERSHIPS • PRODUCTS