

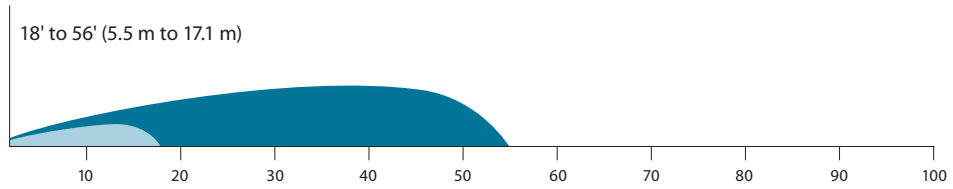
GEAR-DRIVEN ROTORS



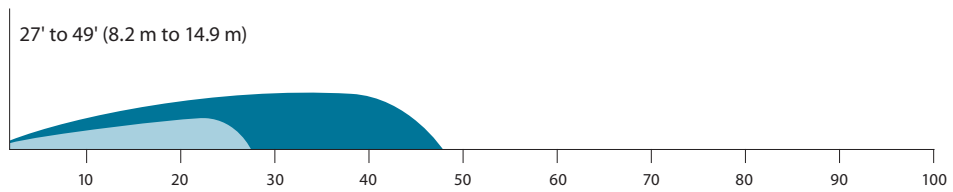
Rain Bird® Gear-Driven Rotors are engineered to efficiently manage water, while promoting a lush, highly profitable course, through minimal maintenance requirements, worry-free performance and maximum water distribution uniformity. Trusted by golf course professionals everywhere, particularly those in drought-prone areas, these innovative rotors deliver optimal playing surfaces, high durability and reduced water costs.



351B Series
Short Throw (pg 36)

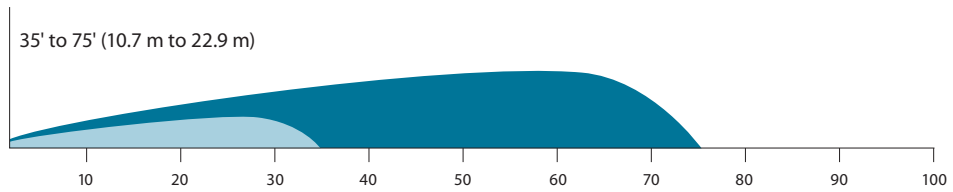


500/550 Series (pg 34-35)

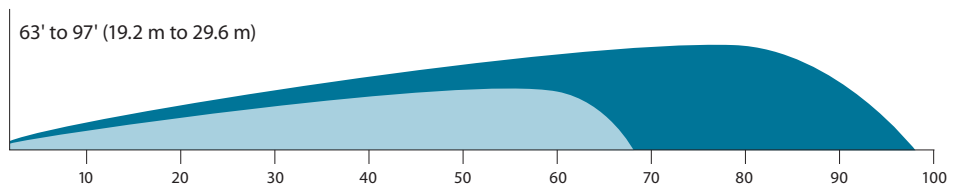


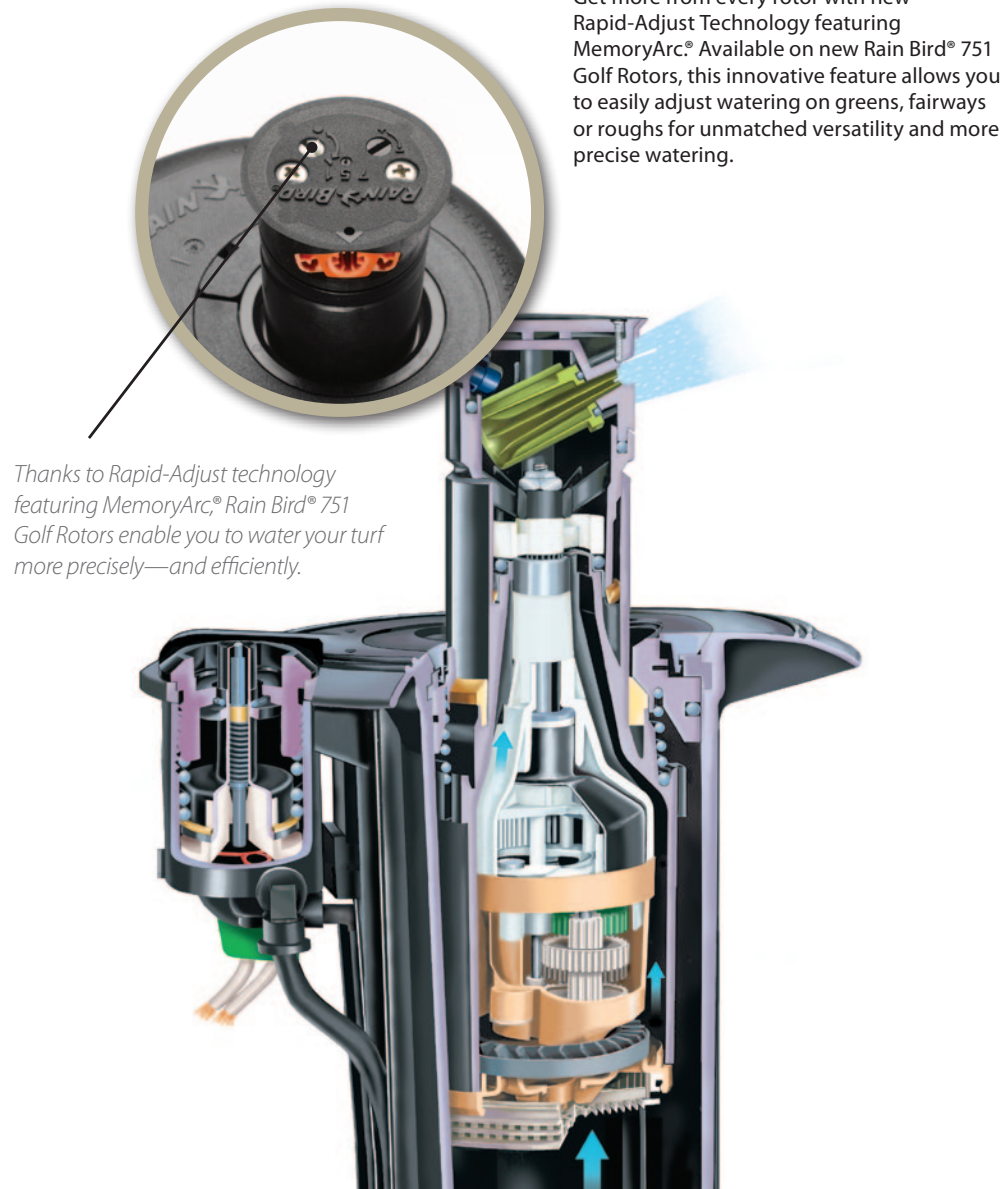
700/751 Series (pg 29-31)

NEW



900/950 Series (pg 32-33)





Thanks to Rapid-Adjust technology featuring MemoryArc®, Rain Bird® 751 Golf Rotors enable you to water your turf more precisely—and efficiently.

Get more from every rotor with new Rapid-Adjust Technology featuring MemoryArc®. Available on new Rain Bird® 751 Golf Rotors, this innovative feature allows you to easily adjust watering on greens, fairways or roughs for unmatched versatility and more precise watering.

FEATURES AND BENEFITS

Turn-of-a-Screw Flexibility: Rain Bird® 751 Golf Rotors offer easy, top-adjustable rotation settings that retain the memory of their part-circle arc setting when shifting between full- and part-circle operation. This unique feature is designed to offer quick, dry arc adjustments not just during grow-in, but for the life of the rotor.

Proven Rain Bird Performance: The new Rain Bird® 700 Series features the high efficiency nozzles you've come to expect from the industry leader and delivers the best performance yet from Rain Bird golf rotors. With large droplets that cut through harsh winds and consistent pressure regulation, Rain Bird rotors deliver the even distribution you need to guarantee a healthy playing surface.

Industry-Leading Durability: Rain Bird 700/751 Series Golf Rotors deliver improved durability. Trust their rugged construction for year after year of reliable, hassle-free performance.

Backward Compatibility: New Rain Bird 700/751 Series Golf Rotors offer backward compatibility with every 700 Series EAGLE™ Rotor manufactured since 1992. Saving precious time and money is as simple as dropping new Rain Bird 700/751 Series internal assemblies into your existing rotor cases.

Low Cost of Ownership: Rain Bird Golf Rotors offer a low cost of ownership through a powerful combination of versatility, performance and durability. Install 700 and 751 Golf Rotors to optimize water consumption, simplify operation and minimize replacement, maintenance and inventory costs.

Introducing Rapid-Adjust Technology featuring MemoryArc®



Set primary rotor arc.

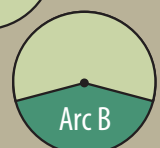


Turn the Full/Part Adjustment Screw for full-circle operation.



Turn to part circle again for either Arc A or Arc B setting.

No need to adjust arc when going between full- and part-circle settings.



Versatility with a twist. Easily shift between three arc settings to selectively water fairways, roughs—or both.

SPECIFICATIONS

Radius:

Rain Bird® 700 Series: 56' to 79' (17.1 m to 24.1 m)
Rain Bird® 751 Series: 35' to 75' (10.7 m to 22.9 m)

Flow Rate:

700 Series: 16.3 to 43.9 gpm (1.03 to 2.76 l/s)
(3.70 to 9.95 m³/h)
751 Series: 7.0 to 37.7 gpm (0.44 to 2.38 l/s)
(1.59 to 8.56 m³/h)

Arc:

700 Series: Full-circle 360°
751 Series: Full-circle 360°; Adjustable 30° to 345°

Models:

Full-Circle:

- ✓ **700E:** Electric
- ✓ **700IC:** Integrated Control
- 700S/H:** Combined use Stopamatic (SAM) or Hydraulic (N.O.)*
- 700B:** Seal-A-Matic™ device

Part-Circle:

- ✓ **751E:** Electric
- ✓ **751IC:** Integrated Control
- 751S/H:** Combined use Stopamatic (SAM) or Hydraulic (N.O.)*
- 751B:** Seal-A-Matic™ device

Maximum Inlet Pressure:

Models 700/751E and IC: 150 psi (10.3 bars)
Models 700/751S/H and B: 100 psi (6.9 bars)

Pressure Regulation Range: 60 to 100 psi
(4.1 to 6.9 bars)

Factory Pressure Settings: 700E/IC and 751E/IC available in 60, 70 and 80 psi (4.1, 4.8 and 5.5 bars)

Dimensions:

Body Height:

Models E, IC, S/H: 12.0" (30.5 cm)
Models B: 9.6" (24.5 cm)

Pop-Up Height to Mid-Nozzle:

Models E, IC, S/H, B: 2.6" (6.6 cm)

Top Diameter:

Models E, IC, S/H: 6.25" (15.9 cm)
Models B: 4.25" (10.8 cm)

Rotation Time:

700 Series: 360° in ≤ 180 seconds;
150 seconds nominally
751 Series: 180° in ≤ 90 seconds;
75 seconds nominally

Inlet Threads:

Models E, IC, S/H: 1.25" (3.2 cm) ACME
Female Threaded
Models B: 1" (2.5 cm) ACME Female Threaded

Holdback:

Block: 10' (3.1 m) of elevation
SAM/Hydraulic: 15' (4.6 m) of elevation

Nozzle Trajectory:

25°

Maximum Stream Height:

17' (5.2 m)

Solenoid: 24 VAC solenoid power requirement: 0.41 amp inrush current (9.8 VA); **60 cycle:** 0.25 amp holding current (6.0 VA); **50 cycle:** 0.32 amp holding current (7.7 VA)

Surge Resistance: Up to 20KV standard on electric models

✓ **Top-Serviceable Rock Screen™ and Replaceable Valve Seat:** On models 700E, IC, S/H and 751E, IC, S/H

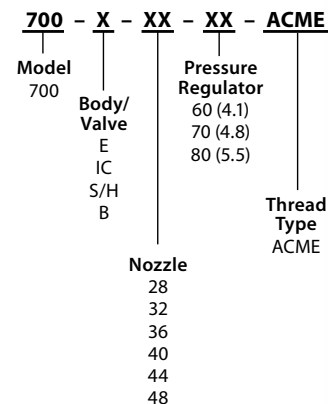
*N.O. — Normally open

All data is generated from tests conducted in accordance with ASAE Standard S398.1 for at least 30 minutes in zero-wind conditions. Rain Bird recommends the use of SPACE for Windows®, equivalent program or derived performance data to optimize nozzle selection.



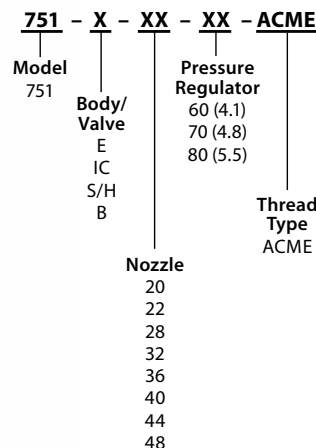
700 Series

HOW TO SPECIFY



751 Series

HOW TO SPECIFY





700 SERIES PERFORMANCE DATA — U.S.

| Base Pressure (psi) | 50 | | 60 | | 70 | | 80 | | 90 | | 100 | |
|-------------------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| WIND TOLERANT NOZZLES | | | | | | | | | | | | |
| #16 - Gray | - | - | 56 | 16.3 | 56 | 17.5 | 60 | 18.5 | 62 | 20.2 | 63 | 21.1 |
| #18 - Red | - | - | 58 | 19.0 | 61 | 20.9 | 65 | 22.3 | 65 | 23.2 | 65 | 24.2 |
| #22 - Black | - | - | - | - | 65 | 27.6 | 65 | 34.8 | 67 | 38.8 | 71 | 40.5 |
| DUAL SPREADER™ NOZZLES | | | | | | | | | | | | |
| #28 - White | 57 | 18.0 | 59 | 19.7 | 59 | 21.3 | 61 | 22.8 | 61 | 24.1 | 61 | 25.5 |
| #32 - Blue | 61 | 21.9 | 63 | 22.8 | 65 | 24.5 | 65 | 27.4 | 67 | 29 | 67 | 29.6 |
| #36 - Yellow | 65 | 23.2 | 65 | 25.5 | 65 | 27.5 | 67 | 29.5 | 65 | 31.2 | 67 | 32.9 |
| #40 - Orange | 65 | 25.5 | 67 | 27.8 | 71 | 29.8 | 71 | 31.9 | 73 | 33.9 | 73 | 35.6 |
| #44 - Green | - | - | 71 | 30.7 | 69 | 33.0 | 71 | 35.2 | 75 | 37.5 | 75 | 39.5 |
| #48 - Black | - | - | - | - | 73 | 37.0 | 77 | 39.4 | 79 | 41.8 | 77 | 43.8 |

751 SERIES PERFORMANCE DATA — U.S.

| Base Pressure (psi) | 50 | | 60 | | 70 | | 80 | | 90 | | 100 | |
|-------------------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| WIND TOLERANT NOZZLES | | | | | | | | | | | | |
| #16 WTN - Gray | - | - | 60 | 15.7 | 62 | 16.7 | 62 | 17.8 | 64 | 18.8 | 66 | 20.4 |
| #18 WTN - Red | - | - | 63 | 18.8 | 63 | 20.0 | 65 | 21.4 | 67 | 22.7 | 67 | 24.0 |
| #22 WTN - Black | - | - | - | - | 65 | 27.6 | 65 | 35.8 | 67 | 37.6 | 71 | 41.1 |
| DUAL SPREADER™ NOZZLES | | | | | | | | | | | | |
| #20 - Gray | 35 | 7.0 | 35 | 7.6 | 37 | 8.1 | 39 | 8.6 | - | - | - | - |
| #22 - Red | 40 | 8.3 | 45 | 9.5 | 45 | 10.2 | 43 | 10.8 | - | - | - | - |
| #28 - White | 55 | 15.2 | 57 | 16.8 | 59 | 18.1 | 59 | 19.3 | 59 | 20.5 | 57 | 21.5 |
| #32 - Blue | 59 | 17.1 | 61 | 18.6 | 61 | 20 | 61 | 21.4 | 63 | 22.5 | 63 | 23.9 |
| #36 - Yellow | 61 | 19.1 | 63 | 20.8 | 65 | 22.6 | 67 | 24 | 69 | 25.5 | 69 | 26.5 |
| #40 - Orange | 63 | 21.7 | 67 | 23.8 | 69 | 25.6 | 71 | 27.5 | 71 | 28.9 | 71 | 30.7 |
| #44 - Green | - | - | 65 | 26.3 | 69 | 28.3 | 71 | 30.4 | 71 | 32.1 | 73 | 34.1 |
| #48 - Black | - | - | - | - | 69 | 31.4 | 73 | 33.7 | 75 | 35.7 | 73 | 37.7 |

700 SERIES PERFORMANCE DATA — METRIC

| Base Pressure (bars) | 3.4 | | | 4.1 | | | 4.8 | | | 5.5 | | | 6.2 | | | 6.9 | | |
|-------------------------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) |
| WIND TOLERANT NOZZLES | | | | | | | | | | | | | | | | | | |
| #16 - Gray | - | - | - | 17.1 | 1.03 | 3.70 | 17.1 | 1.10 | 3.97 | 18.3 | 1.17 | 4.20 | 18.9 | 1.27 | 4.59 | 19.2 | 1.33 | 4.79 |
| #18 - Red | - | - | - | 17.7 | 1.20 | 4.32 | 18.6 | 1.32 | 4.75 | 19.8 | 1.41 | 5.06 | 19.8 | 1.46 | 5.27 | 19.8 | 1.53 | 5.50 |
| #22 - Black | - | - | - | - | - | - | 19.8 | 1.74 | 6.27 | 19.8 | 2.20 | 7.90 | 20.4 | 2.45 | 8.81 | 21.6 | 2.56 | 9.20 |
| DUAL SPREADER™ NOZZLES | | | | | | | | | | | | | | | | | | |
| #28 - White | 17.4 | 1.14 | 4.09 | 18.0 | 1.24 | 4.47 | 18.0 | 1.34 | 4.84 | 18.6 | 1.44 | 5.18 | 18.6 | 1.52 | 5.47 | 18.6 | 1.61 | 5.79 |
| #32 - Blue | 18.6 | 1.38 | 4.97 | 19.2 | 1.44 | 5.18 | 19.8 | 1.55 | 5.56 | 19.8 | 1.73 | 6.22 | 20.4 | 1.83 | 6.59 | 20.4 | 1.87 | 6.72 |
| #36 - Yellow | 19.8 | 1.46 | 5.27 | 19.8 | 1.61 | 5.79 | 19.8 | 1.73 | 6.25 | 20.4 | 1.86 | 6.70 | 19.8 | 1.97 | 7.09 | 20.4 | 2.08 | 7.47 |
| #40 - Orange | 19.8 | 1.61 | 5.79 | 20.4 | 1.75 | 6.31 | 21.6 | 1.88 | 6.77 | 21.6 | 2.01 | 7.25 | 22.3 | 2.14 | 7.70 | 22.3 | 2.25 | 8.09 |
| #44 - Green | - | - | - | 21.6 | 1.94 | 6.97 | 21.0 | 2.08 | 7.49 | 21.6 | 2.22 | 7.99 | 22.9 | 2.37 | 8.52 | 22.9 | 2.49 | 8.97 |
| #48 - Black | - | - | - | - | - | - | 22.3 | 2.33 | 8.40 | 23.5 | 2.49 | 8.95 | 24.1 | 2.64 | 9.49 | 23.5 | 2.76 | 9.95 |

751 SERIES PERFORMANCE DATA — METRIC

| Base Pressure (bars) | 3.4 | | | 4.1 | | | 4.8 | | | 5.5 | | | 6.2 | | | 6.9 | | |
|-------------------------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) |
| WIND TOLERANT NOZZLES | | | | | | | | | | | | | | | | | | |
| #16 WTN - Gray | - | - | - | 18.3 | 0.99 | 3.57 | 18.9 | 1.05 | 3.79 | 18.9 | 1.12 | 4.04 | 19.5 | 1.19 | 4.27 | 20.1 | 1.29 | 4.63 |
| #18 WTN - Red | - | - | - | 19.2 | 1.19 | 4.27 | 19.2 | 1.26 | 4.54 | 19.8 | 1.35 | 4.86 | 20.4 | 1.43 | 5.16 | 20.4 | 1.51 | 5.45 |
| #22 WTN - Black | - | - | - | - | - | - | 19.8 | 1.74 | 6.27 | 19.8 | 2.26 | 8.13 | 20.4 | 2.37 | 8.54 | 21.6 | 2.59 | 9.33 |
| DUAL SPREADER™ NOZZLES | | | | | | | | | | | | | | | | | | |
| #20 - Gray | 10.7 | 0.44 | 1.59 | 10.7 | 0.48 | 1.73 | 11.3 | 0.51 | 1.84 | 11.9 | 0.54 | 1.95 | - | - | - | - | - | - |
| #22 - Red | 12.2 | 0.52 | 1.89 | 13.7 | 0.60 | 2.16 | 13.7 | 0.64 | 2.32 | 13.1 | 0.68 | 2.45 | - | - | - | - | - | - |
| #28 - White | 16.8 | 0.96 | 3.45 | 17.4 | 1.06 | 3.82 | 18.0 | 1.14 | 4.11 | 18.0 | 1.22 | 4.38 | 18.0 | 1.29 | 4.66 | 17.4 | 1.36 | 4.88 |
| #32 - Blue | 18.0 | 1.08 | 3.88 | 18.6 | 1.17 | 4.22 | 18.6 | 1.26 | 4.54 | 18.6 | 1.35 | 4.86 | 19.2 | 1.42 | 5.11 | 19.2 | 1.51 | 5.43 |
| #36 - Yellow | 18.6 | 1.21 | 4.34 | 19.2 | 1.31 | 4.72 | 19.8 | 1.43 | 5.13 | 20.4 | 1.51 | 5.45 | 21.0 | 1.61 | 5.79 | 21.0 | 1.67 | 6.02 |
| #40 - Orange | 19.2 | 1.37 | 4.93 | 20.4 | 1.50 | 5.41 | 21.0 | 1.62 | 5.81 | 21.0 | 1.73 | 6.25 | 21.6 | 1.82 | 6.56 | 21.6 | 1.94 | 6.97 |
| #44 - Green | - | - | - | 19.8 | 1.66 | 5.97 | 21.0 | 1.79 | 6.43 | 21.6 | 1.92 | 6.90 | 21.6 | 2.03 | 7.29 | 22.3 | 2.15 | 7.74 |
| #48 - Black | - | - | - | - | - | - | 21.0 | 1.98 | 7.13 | 22.3 | 2.13 | 7.65 | 22.9 | 2.25 | 8.11 | 22.3 | 2.38 | 8.56 |

All data reflects no pressure regulation.

SPECIFICATIONS

Radius:

EAGLE 900 Series: 63' to 97' (19.2 m to 29.6 m)
EAGLE 950 Series: 70' to 92' (21.3 m to 28.0 m)

Flow Rate:

EAGLE 900 Series: 21.4 to 57.1 gpm
(1.35 to 3.60 l/s) (4.85 to 12.97 m³/h)
EAGLE 950 Series: 19.5 to 59.4 gpm
(1.23 to 3.75 l/s) (4.43 to 13.49 m³)

Arc:

EAGLE 900 Series: Full-circle, 360°
EAGLE 950 Series: 40° to 345°

Models:

Full-Circle:

- EAGLE 900E: Electric
- ✓ EAGLE 900 IC: Integrated Control
- EAGLE 900S/H: Combined use Stopmatic (SAM) or Hydraulic (N.O.)*

Part-Circle:

- EAGLE 950E: Electric
- ✓ EAGLE 950 IC: Integrated Control
- EAGLE 950S/H: Combined use Stopmatic (SAM) or Hydraulic (N.O.)*

Maximum Inlet Pressure:

Models 900E/IC, 950E/IC: 150 psi (10.3 bars)
Models 900S/H, 950S/H: 100 psi (6.9 bars)

Pressure Regulation Range:

60 to 100 psi (4.1 to 6.9 bars)

Factory Pressure Settings:

900E/IC and 950E/IC available in 70 and 80 psi
(4.8 and 5.5 bars)

Dimensions:

Body Height: 13.4" (34.0 cm)
Pop-Up Height to Mid-Nozzle: 2.25" (5.7 cm)
Top Diameter: 7" (17.8 cm)

Nozzle Trajectory: 25°

Inlet Threads: 1.5" (3.8 cm) (15/21) ACME
Female Threaded

Holdback: SAM/Hydrologic 15' (4.6 m) elevation

Rotation Time:

900 Series: 360° in ≤ 240 seconds;
210 seconds nominally
950 Series: 180° in ≤ 120 seconds;
105 seconds nominally

Maximum Stream Height: 20' (6.1 m)

Solenoid: 24 VAC solenoid power requirement:

0.41 amp inrush current (9.8 VA); 60 cycle: 0.25 amp holding current (6.0 VA); 50 cycle: 0.32 amp holding current (7.7 VA).

Surge Resistance: Up to 20KV standard on electric models

- ✓ Top-Serviceable Rock Screen™ and Replaceable Valve Seat: All 900 and 950 models

All data is generated from tests conducted in accordance with ASAE Standard S398.1 for at least 30 minutes in zero-wind conditions. Rain Bird recommends the use of SPACE for Windows,® equivalent program or derived performance data to optimize nozzle selection.

* N.O. — Normally open



● EAGLE™ 900 Series

HOW TO SPECIFY

| | | | | | | | | |
|-------|---|----------------|---|----------------------------------|---|----|---|-------------|
| 900 | - | X | - | XX | - | XX | - | ACME |
| Model | | Body/Valve | | Pressure Regulator | | | | |
| 900 | | E IC S/H | | 70 (4.8) 80 (5.5) | | | | |
| | | | | Nozzle | | | | Thread Type |
| | | | | 44 48 52 56 60 64 | | | | ACME |



● EAGLE™ 950 Series

HOW TO SPECIFY

| | | | | | | | | |
|-------|---|----------------|---|--|---|----|---|-------------|
| 950 | - | X | - | XX | - | XX | - | ACME |
| Model | | Body/Valve | | Pressure Regulator | | | | |
| 950 | | E IC S/H | | 60 (4.1) 70 (4.8) 80 (5.5) | | | | |
| | | | | Nozzle | | | | Thread Type |
| | | | | 18 20 22 24 26 28 30 32 | | | | ACME |



EAGLE 900 SERIES PERFORMANCE DATA — U.S.

HIGH PERFORMANCE NOZZLES

| Base Pressure (psi) | #44 BLUE | | #48 YELLOW | | #52 ORANGE | | #56 GREEN | | #60 BLACK | | #64 RED | |
|---------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| 60 | 63 | 21.4 | 73 | 28.9 | 75 | 31.9 | — | — | — | — | — | — |
| 70 | 67 | 23.5 | 73 | 31.9 | 79 | 34.6 | 83 | 40.7 | 87 | 43.2 | 91 | 47.2 |
| 80 | 71 | 24.7 | 75 | 34.1 | 81 | 37.1 | 85 | 43.5 | 91 | 49.5 | 93 | 51.0 |
| 90 | 71 | 26.5 | 77 | 35.0 | 81 | 39.5 | 87 | 46.4 | 91 | 49.5 | 95 | 54.0 |
| 100 | 73 | 27.9 | 77 | 36.2 | 83 | 41.8 | 89 | 49.1 | 91 | 52.2 | 97 | 57.1 |

EAGLE 950 SERIES PERFORMANCE DATA — U.S.

NOZZLES

| Base Pressure (psi) | #18 WHITE-C | | #20 GRAY-C | | #22 BLUE-C | | #24 YELLOW-C | | #26 ORANGE | | #28 GREEN | | #30 BLACK | | #32 BROWN | |
|---------------------|-------------|------------|-------------|------------|-------------|------------|--------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| 60 | 70 | 19.5 | 72 | 23.0 | 74 | 26.5 | 76 | 30.8 | 78 | 36.0 | — | — | — | — | — | — |
| 70 | 72 | 21.3 | 74 | 25.1 | 76 | 28.8 | 80 | 33.5 | 82 | 38.7 | 84 | 42.9 | 84 | 47.3 | 84 | 50.4 |
| 80 | 74 | 22.9 | 76 | 27.0 | 80 | 30.9 | 84 | 36.0 | 84 | 41.5 | 86 | 47.3 | 86 | 50.4 | 85 | 53.1 |
| 90 | 75 | 24.4 | 78 | 28.7 | 82 | 32.9 | 88 | 38.4 | 86 | 43.4 | 89 | 48.5 | 90 | 52.9 | 88 | 55.6 |
| 100 | 76 | 25.8 | 80 | 30.5 | 84 | 34.6 | 90 | 40.5 | 88 | 46.7 | 91 | 52.2 | 92 | 55.8 | 92 | 59.4 |

EAGLE 900 SERIES PERFORMANCE DATA — METRIC

HIGH PERFORMANCE NOZZLES

| Base Pressure (bars) | #44 BLUE | | | #48 YELLOW | | | #52 ORANGE | | | #56 GREEN | | | #60 BLACK | | | #64 RED | | |
|----------------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) |
| 4.1 | 19.2 | 1.35 | 4.85 | 22.3 | 1.82 | 6.56 | 22.9 | 2.01 | 7.25 | — | — | — | — | — | — | — | — | — |
| 4.5 | 19.8 | 1.42 | 5.11 | 22.3 | 1.89 | 6.81 | 23.5 | 2.10 | 7.57 | 25.0 | 2.48 | 8.94 | 26.2 | 2.63 | 9.47 | 27.4 | 2.88 | 10.35 |
| 5.0 | 20.7 | 1.50 | 5.40 | 22.4 | 2.00 | 7.22 | 24.2 | 2.22 | 8.00 | 25.5 | 2.61 | 9.40 | 26.8 | 2.78 | 10.00 | 27.9 | 3.04 | 10.94 |
| 5.5 | 21.6 | 1.55 | 5.59 | 22.8 | 2.14 | 7.72 | 24.7 | 2.34 | 8.41 | 25.9 | 2.74 | 9.87 | 27.7 | 2.92 | 10.52 | 28.3 | 3.21 | 11.56 |
| 6.0 | 21.6 | 1.64 | 5.90 | 23.3 | 2.19 | 7.88 | 24.7 | 2.45 | 8.81 | 26.3 | 2.87 | 10.34 | 27.7 | 3.20 | 11.86 | 28.8 | 3.35 | 12.06 |
| 6.5 | 21.9 | 1.71 | 6.16 | 23.5 | 2.24 | 8.06 | 24.9 | 2.55 | 9.19 | 26.8 | 3.00 | 10.80 | 27.7 | 3.20 | 11.86 | 29.2 | 3.49 | 12.57 |
| 6.9 | 22.3 | 1.76 | 6.35 | 23.5 | 2.28 | 8.22 | 25.3 | 2.64 | 9.49 | 27.1 | 3.10 | 11.15 | 27.7 | 3.29 | 11.86 | 29.6 | 3.60 | 12.97 |

EAGLE 950 SERIES PERFORMANCE DATA — METRIC

NOZZLES

| Base Pressure (bars) | #18 WHITE-C | | | #20 GRAY-C | | | #22 BLUE-C | | | #24 YELLOW-C | | | #26 ORANGE | | | #28 GREEN | | | #30 BLACK | | | #32 BROWN | | |
|----------------------|-------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|--------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) |
| 4.1 | 21.3 | 1.23 | 4.43 | 21.9 | 1.45 | 5.22 | 22.6 | 1.67 | 6.02 | 23.2 | 1.94 | 7.00 | 23.8 | 2.27 | 8.18 | — | — | — | — | — | — | — | — | — |
| 4.5 | 21.7 | 1.29 | 4.64 | 22.3 | 1.52 | 5.48 | 22.9 | 1.75 | 6.29 | 23.8 | 2.03 | 7.32 | 24.4 | 2.36 | 8.50 | 25.2 | 2.62 | 9.44 | 25.2 | 2.90 | — | 25.3 | 3.10 | 11.17 |
| 5.0 | 22.1 | 1.37 | 4.93 | 22.7 | 1.61 | 5.81 | 23.5 | 1.85 | 6.66 | 24.7 | 2.15 | 7.75 | 25.1 | 2.49 | 8.95 | 25.8 | 2.78 | 10.00 | 25.8 | 3.03 | 10.92 | 25.7 | 3.22 | 11.60 |
| 5.5 | 22.5 | 1.44 | 5.19 | 23.2 | 1.70 | 6.12 | 24.4 | 1.95 | 7.01 | 25.6 | 2.27 | 8.16 | 25.6 | 2.61 | 9.41 | 26.2 | 2.98 | 10.72 | 26.2 | 3.18 | 11.43 | 25.9 | 3.35 | 12.05 |
| 6.0 | 22.8 | 1.51 | 5.44 | 23.6 | 1.78 | 6.40 | 24.8 | 2.04 | 7.34 | 26.5 | 2.38 | 8.56 | 26.0 | 2.70 | 9.73 | 26.9 | 3.04 | 10.93 | 27.1 | 3.29 | 11.85 | 26.6 | 3.46 | 12.46 |
| 6.5 | 23.0 | 1.58 | 5.68 | 24.0 | 1.86 | 6.69 | 25.3 | 2.12 | 7.64 | 27.1 | 2.48 | 8.93 | 26.5 | 2.83 | 10.18 | 27.4 | 3.16 | 11.37 | 27.7 | 3.42 | 12.30 | 27.3 | 3.61 | 13.00 |
| 6.9 | 23.2 | 1.63 | 5.86 | 24.4 | 1.92 | 6.93 | 25.6 | 2.18 | 7.86 | 27.4 | 2.56 | 9.20 | 26.8 | 2.95 | 10.61 | 27.7 | 3.29 | 11.86 | 28.0 | 3.52 | 12.67 | 28.0 | 3.75 | 13.49 |

SPECIFICATIONS

Radius:

EAGLE 500 Series: 33' to 47' (10.1 m to 14.3 m)
EAGLE 550 Series: 33' to 49' (10.3 m to 14.9 m)

Flow Rate:

EAGLE 500 Series: 6.0 to 13.2 gpm (0.38 to 0.83 l/s)
(1.36 to 3.00 m³/h)
EAGLE 550 Series: 6.0 to 13.6 gpm (0.38 to 0.86 l/s)
(1.36 to 3.09 m³/h)

Arc:

EAGLE 500 Series: Full-circle, 360°
EAGLE 550 Series: Adjustable 30° to 345°

Models:

Full-Circle:

- EAGLE 500E: Fast rotation, electric
- ✓ EAGLE 500 IC: Integrated Control
- EAGLE 500S/H: Fast rotation, combined use
Stopmatic (SAM) or Hydraulic (N.O.)*

Part-Circle:

- EAGLE 550E: Fast rotation, electric
- ✓ EAGLE 550 IC: Integrated Control
- EAGLE 550S/H: Fast rotation, combined use
Stopmatic (SAM) or Hydraulic (N.O.)*

Maximum Inlet Pressure:

Models 500E/IC, 550E/IC: 150 psi (10.3 bars)
Models 500S/H, 550S/H: 100 psi (6.9 bars)

Pressure Regulation Range: 60 to 100 psi (4.1 to 6.9 bars)

Factory Pressure Settings: 500E/IC and 550E/IC available in 60, 70 and 80 psi (4.1, 4.8 and 5.5 bars)

Dimensions:

Body Height: 12.0" (30.5 cm)
Pop-Up Height to Mid-Nozzle: 2.6" (6.6 cm)
Top Diameter: 6.25" (15.9 cm)

Nozzle Trajectory: 25°

Inlet Threads: 1.25" (3.2 cm) (33/42) ACME

Holdback: SAM/Hydrologic 15' (4.6 m) elevation

Rotation Time:

500 Series: 360° in ≤ 120 seconds;
90 seconds nominally
550 Series: 180° in ≤ 60 seconds;
45 seconds nominally

Maximum Stream Height: 13' (4.0 m)

Solenoid: 24 VAC solenoid power requirement: 0.41 amp inrush current (9.8 VA); 60 cycle: 0.25 amp holding current (6.0 VA); 50 cycle: 0.32 amp holding current (7.7 VA)

Surge Resistance: Up to 20KV standard on electric models

- ✓ **Top-Serviceable Rock Screen™ and
Replaceable Valve Seat:** On models 500E, 550E,
500H, 550H

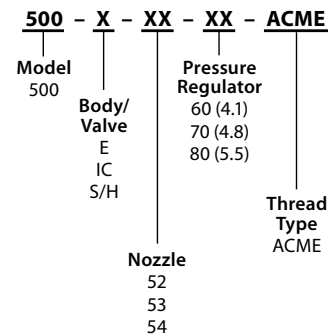
All data is generated from tests conducted in accordance with ASAE Standard S398.1 for at least 30 minutes in zero-wind conditions. Rain Bird recommends the use of SPACE for Windows®, equivalent program or derived performance data to optimize nozzle selection.

*N.O.—Normally open



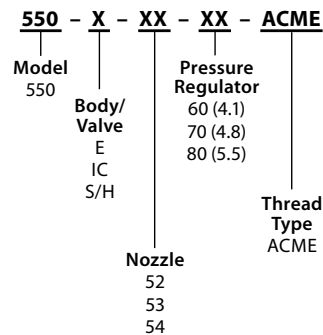
● EAGLE™ 500 Series

HOW TO SPECIFY



● EAGLE™ 550 Series

HOW TO SPECIFY



EAGLE 500 SERIES PERFORMANCE DATA — U.S.

NOZZLES

| Base Pressure (psi) | #52 BEIGE | | #53 GRAY | | #54 RED | |
|---------------------|-------------|------------|-------------|------------|-------------|------------|
| | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| 40 | 33 | 6.0 | 41 | 7.7 | 45 | 9.3 |
| 50 | 35 | 6.6 | 43 | 8.6 | 47 | 10.3 |
| 60 | 35 | 7.2 | 43 | 9.4 | 47 | 11.2 |
| 70 | 35 | 7.7 | 45 | 10.1 | 47 | 12.0 |
| 80 | 35 | 8.3 | 45 | 10.8 | 47 | 12.8 |
| 90 | 37 | 8.7 | 43 | 10.9 | 47 | 12.8 |
| 100 | 35 | 9.1 | 43 | 11.2 | 47 | 13.2 |

EAGLE 550 SERIES PERFORMANCE DATA — U.S.

NOZZLES

| Base Pressure (psi) | #52 BEIGE | | #53 GRAY | | #54 RED | |
|---------------------|-------------|------------|-------------|------------|-------------|------------|
| | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| 40 | 33 | 6.0 | 41 | 7.7 | 45 | 9.3 |
| 50 | 35 | 6.6 | 41 | 8.6 | 47 | 10.3 |
| 60 | 35 | 7.2 | 43 | 9.4 | 49 | 11.2 |
| 70 | 35 | 7.7 | 43 | 10.1 | 49 | 12.0 |
| 80 | 37 | 8.3 | 43 | 10.8 | 49 | 12.8 |
| 90 | 39 | 8.8 | 43 | 11.5 | 49 | 12.9 |
| 100 | 39 | 9.1 | 45 | 12.0 | 49 | 13.6 |

EAGLE 500 SERIES PERFORMANCE DATA — METRIC

NOZZLES

| Base Pressure (bars) | #52 BEIGE | | | #53 GRAY | | | #54 RED | | |
|----------------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) |
| 2.8 | 10.1 | 3.8 | 1.36 | 12.5 | 0.49 | 1.75 | 13.7 | 0.59 | 2.11 |
| 3.0 | 10.3 | 0.39 | 1.41 | 12.7 | 0.51 | 1.82 | 13.9 | 0.61 | 2.19 |
| 3.5 | 10.7 | 0.42 | 1.51 | 13.1 | 0.55 | 1.97 | 14.3 | 0.65 | 2.36 |
| 4.0 | 10.7 | 0.45 | 1.61 | 13.1 | 0.58 | 2.10 | 14.3 | 0.70 | 2.50 |
| 4.5 | 10.7 | 0.47 | 1.70 | 13.4 | 0.62 | 2.22 | 14.3 | 0.73 | 2.64 |
| 5.0 | 10.7 | 0.50 | 1.78 | 13.7 | 0.65 | 2.33 | 14.3 | 0.77 | 2.77 |
| 5.5 | 10.7 | 0.52 | 1.88 | 13.7 | 0.68 | 2.45 | 14.3 | 0.81 | 2.91 |
| 6.0 | 11.1 | 0.54 | 1.95 | 13.3 | 0.69 | 2.47 | 14.3 | 0.81 | 2.91 |
| 6.5 | 11.0 | 0.56 | 2.01 | 13.1 | 0.70 | 2.50 | 14.3 | 0.82 | 2.95 |
| 6.9 | 10.7 | 0.57 | 2.07 | 13.3 | 0.71 | 2.54 | 14.3 | 0.83 | 3.00 |

EAGLE 550 SERIES PERFORMANCE DATA — METRIC

NOZZLES

| Base Pressure (bars) | #52 BEIGE | | | #53 GRAY | | | #54 RED | | |
|----------------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) | Radius (m) | Flow (l/s) | Flow (m³/h) |
| 2.8 | 10.1 | 0.38 | 1.36 | 12.5 | 0.49 | 1.75 | 13.7 | 0.59 | 2.11 |
| 3.0 | 10.3 | 0.39 | 1.41 | 12.5 | 0.51 | 1.82 | 13.9 | 0.61 | 2.19 |
| 3.5 | 10.7 | 0.42 | 1.51 | 12.5 | 0.55 | 1.97 | 14.4 | 0.65 | 2.36 |
| 4.0 | 10.7 | 0.45 | 1.61 | 12.9 | 0.58 | 2.10 | 14.8 | 0.70 | 2.50 |
| 4.5 | 10.7 | 0.47 | 1.70 | 13.1 | 0.62 | 2.22 | 14.9 | 0.73 | 2.64 |
| 5.0 | 10.8 | 0.50 | 1.78 | 13.1 | 0.65 | 2.33 | 14.9 | 0.77 | 2.77 |
| 5.5 | 11.3 | 0.52 | 1.88 | 13.1 | 0.68 | 2.45 | 14.9 | 0.81 | 2.91 |
| 6.0 | 11.7 | 0.55 | 1.96 | 13.1 | 0.71 | 2.56 | 14.9 | 0.81 | 2.92 |
| 6.5 | 11.9 | 0.56 | 2.03 | 13.4 | 0.74 | 2.66 | 14.9 | 0.83 | 3.00 |
| 6.9 | 11.9 | 0.57 | 2.07 | 13.7 | 0.76 | 2.73 | 14.9 | 0.86 | 3.09 |

SPECIFICATIONS

Radius: 18' to 56' (5.5 m to 17.1 m)

Arc: 360° in full-circle mode, adjustable from 50° to 330° in part-circle mode

Flow Rate: 1.8 to 15.5 gpm (0.11 to 0.98 l/s)

Models:

EAGLE™ 351B: SEAL-A-MATIC™ device

Maximum Inlet Pressure: 100 psi (6.9 bar)

Recommended Operating Pressure: 60 psi (4.1 bar), 70 psi (4.8 bar), 80 psi (5.5 bar)

Flow:

Full-Circle Mode: 360° ≤ 180 seconds; 120 seconds nominally

Part-Circle Mode: 180° ≤ 90 seconds; 60 seconds nominally

Inlet Threads: 1" (2.5 cm) ACME

Holdback: 10' (3.1 m) of elevation

Nozzle Trajectory: 17° and 25°

Maximum Stream Height: 13' (4.0 m)

Dimensions:

Body Height: 9.6" (24.5 cm)

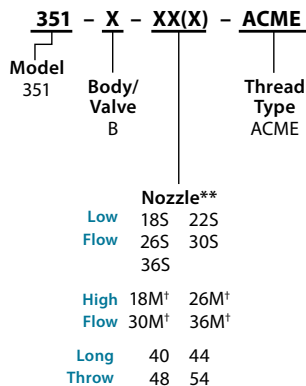
Top Diameter: 4.25" (10.8 cm)

Pop-Up Height to Mid-Nozzle: 3.25" (8.3 cm)



● EAGLE™ 351B Series

HOW TO SPECIFY



EAGLE 351B SERIES PERFORMANCE DATA — U.S.

| BASE PRESSURE | | 60 PSI | | 70 PSI | | 80 PSI | | 90 PSI | |
|---------------|-------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| | Nozzle | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) | Radius (ft) | Flow (gpm) |
| LOW FLOW | 18S White | 18 | 1.8 | 20 | 1.9 | 20 | 2.0 | 22 | 2.2 |
| | 22S Dark Gray | 22 | 2.2 | 22 | 2.4 | 24 | 2.5 | 26 | 2.7 |
| | 26S Dark Orange | 24 | 2.6 | 24 | 2.8 | 26 | 3.1 | 26 | 3.2 |
| | 30S Light Green | 30 | 3.0 | 30 | 3.1 | 32 | 3.2 | 32 | 3.4 |
| | 36S Brown | 34 | 3.6 | 34 | 3.8 | 34 | 4.2 | 36 | 4.4 |
| HIGH FLOW | 18M Ivory | 20 | 4.0 | 22 | 4.2 | 22 | 4.4 | 24 | 4.7 |
| | 26M Medium Orange | 24 | 5.6 | 24 | 6.0 | 26 | 6.5 | 26 | 6.9 |
| | 30M Green | 30 | 5.7 | 30 | 6.2 | 32 | 6.6 | 32 | 7.1 |
| | 36M Light Brown | 34 | 7.1 | 34 | 7.8 | 34 | 8.4 | 36 | 8.9 |
| LONG THROW | 40 Orange | 40 | 2.1 | 40 | 2.3 | 42 | 2.4 | 42 | 2.5 |
| | 44 Red | 44 | 3.5 | 46 | 3.6 | 46 | 4.1 | 46 | 4.3 |
| | 48 Blue | 48 | 5.8 | 48 | 6.4 | 48 | 6.8 | 48 | 7.0 |
| | 54 Beige | 50* | 12.4* | 54* | 13.5* | 56* | 14.6* | 56* | 15.5* |

EAGLE 351B SERIES PERFORMANCE DATA — METRIC

| BASE PRESSURE | | 4.1 BAR | | | 4.8 BAR | | | 5.5 BAR | | | 6.2 BAR | | |
|---------------|-------------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|------------|------------|-------------|
| | Nozzle | Radius (m) | Flow (lps) | Flow (m³/h) | Radius (m) | Flow (lps) | Flow (m³/h) | Radius (m) | Flow (lps) | Flow (m³/h) | Radius (m) | Flow (lps) | Flow (m³/h) |
| LOW FLOW | 18S White | 5.5 | 0.11 | 0.41 | 6.1 | 0.12 | 0.43 | 6.1 | 0.13 | 0.45 | 6.7 | 0.14 | 0.50 |
| | 22S Dark Gray | 6.7 | 0.14 | 0.50 | 6.7 | 0.15 | 0.55 | 7.3 | 0.16 | 0.57 | 7.9 | 0.17 | 0.61 |
| | 26S Dark Orange | 7.3 | 0.16 | 0.60 | 7.3 | 0.18 | 0.64 | 7.9 | 0.20 | 0.70 | 7.9 | 0.20 | 0.73 |
| | 30S Light Green | 9.1 | 0.19 | 0.68 | 9.1 | 0.20 | 0.70 | 9.8 | 0.20 | 0.73 | 9.8 | 0.21 | 0.77 |
| | 36S Brown | 10.4 | 0.23 | 0.82 | 10.4 | 0.24 | 0.86 | 10.4 | 0.26 | 0.95 | 11.0 | 0.28 | 1.00 |
| HIGH FLOW | 18M Ivory | 6.1 | 0.25 | 0.91 | 6.1 | 0.26 | 0.95 | 6.7 | 0.28 | 1.00 | 7.3 | 0.30 | 1.07 |
| | 26M Medium Orange | 7.3 | 0.35 | 1.27 | 7.3 | 0.38 | 1.36 | 7.9 | 0.41 | 1.48 | 7.9 | 0.44 | 1.57 |
| | 30M Green | 9.1 | 0.36 | 1.30 | 9.1 | 0.39 | 1.41 | 9.8 | 0.42 | 1.50 | 9.8 | 0.45 | 1.61 |
| | 36M Light Brown | 10.4 | 0.45 | 1.61 | 10.4 | 0.49 | 1.77 | 10.4 | 0.53 | 1.91 | 11.0 | 0.56 | 2.02 |
| LONG THROW | 40 Orange | 12.2 | 0.13 | 0.48 | 12.2 | 0.15 | 0.52 | 12.8 | 0.15 | 0.55 | 12.8 | 0.16 | 0.57 |
| | 44 Red | 13.4 | 0.22 | 0.80 | 14.0 | 0.23 | 0.82 | 14.0 | 0.26 | 0.93 | 14.0 | 0.27 | 0.98 |
| | 48 Blue | 14.6 | 0.37 | 1.32 | 14.6 | 0.40 | 1.45 | 14.6 | 0.43 | 1.55 | 14.6 | 0.44 | 1.60 |
| | 54 Beige | 15.2* | 0.78* | 2.82* | 16.5* | 0.85* | 3.07* | 17.1* | 0.92* | 3.32* | 17.1* | 0.98* | 3.52* |

*For best results, recommended for use in triangular spacing only.

†Matched precipitation nozzles.

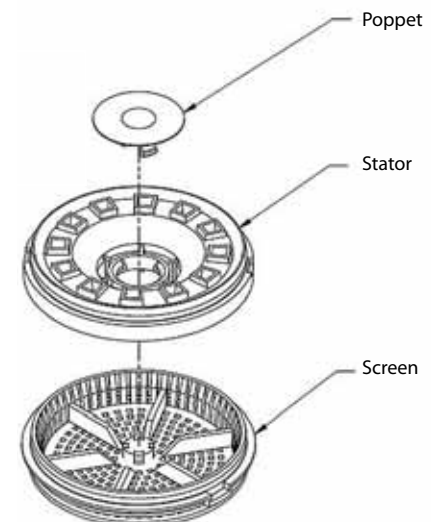
Data reflects no pressure regulation. For a black rotor, it is the pressure at the inlet to the rotor casing after the pressure had been regulated through a valve. All data is generated from tests conducted in accordance with ASAE Standard S398.1 for at least 30 minutes, in zero-wind conditions. Rain Bird recommends the use of SPACE for Windows® equivalent programming or derived performance data to optimize nozzle selection.

**Nozzle Shipping: (Standard Nozzle Installed/Included Smaller and Larger Nozzles): 22S/18S, 26S 30S/26S, 36S 30M/18M; 26M; 36M 36S/40, 44 48/44, 54

GOLF ROTOR STATOR CONFIGURATION

| NOZZLE | PRESSURE SETTINGS PSI (BARS) | | | | ALL SAM/HYD AND BLOCK |
|----------------|------------------------------|----------|----------|-----------|--------------------------|
| | 60 (4,1) | 70 (4,8) | 80 (5,5) | 100 (6,9) | |
| 500/550 | | | | | |
| Beige #52 | S4 | S4 | S4 | S4 | S4 |
| Gray #53 | S4 | S4 | S4 | S4 | S4 |
| Red #54 | S8 | S8 | S8 | S8 | S8 |
| 700 | | | | | |
| White #28 | SPC | SPC | SPC | SPC | SPC |
| Blue #32 | SPO | SPO | SPO | SPO | SPO |
| Yellow #36 | SPO | SPO | SPO | SPO | SPO |
| Orange #40 | SNP | SNP | SNP | SNP | SNP |
| Green #44 | SNP | SNP | SNP | SNP | SNP |
| Black #48 | N/R | SNP | SNP | SPR | SNP |
| 751 | | | | | |
| White #28 | SPC | SPC | SPC | SPC | SPC |
| Blue #32 | SPO | SPO | SPO | SPO | SPO |
| Yellow #36 | SPO | SPO | SPO | SPO | SPO |
| Orange #40 | SNP | SNP | SNP | SNP | SNP |
| Green #44 | SNP | SNP | SNP | SNP | SNP |
| Black #48 | SNP | SPR | SPR | SPR | SNP |
| 900 | | | | | |
| Blue #44 | SPC | SPC | SPC | SPC | SPC |
| Yellow #48 | SPC | SPC | SPC | SPC | SPC |
| Orange #52 | SPC | SPO | SPO | SPO | SPO |
| Green #56 | N/R | SNP | SNP | SNP | SNP |
| Black #60 | N/R | SNP | SPR | SPR | SPR |
| Brown #64 | N/R | SPR | SPR | SPR | SPR |
| 950 | | | | | |
| White #18C | SPC | SPC | SPC | SPC | SPC |
| Gray #20C | SPC | SPC | SPC | SPC | SPC |
| Blue #22C | SPC | SPC | SPC | SPC | SPC |
| Yellow #24C | SPC | SPC | SPO | SPO | SPO |
| Orange #26 | SPO | SPO | SPO | SPO | SPO |
| Green #28 | N/R | SNP | SPR | SPR | SPR |
| Black #30 | N/R | SNP | SPR | SPR | SPR |
| Brown #32 | N/R | SNP | SPR | SPR | SPR |

SPC = Stator Poppet Closed
 SPO = Stator Poppet Open
 SNP = Stator No Poppet
 SPR = Spacer
 SO = Screen Only
 S4 = Stator with 4 holes
 S8 = Stator with 8 holes
 N/R = Not a recommended pressure and nozzle combination



Looking to enhance the performance of your golf course irrigation system? Rain Bird® Swing Joints are the perfect solution. Featuring superior flow characteristics and excellent structural integrity, these swing joints are designed to deliver the performance you expect from Rain Bird while saving you money. They are available in a wide range of configurations. Rain Bird Swing Joints are the perfect complement to our Golf Series Rotors.

SPECIFICATIONS

Diameters: 1" (2.5 cm), 1.25" (3.2 cm) and 1.5" (3.8 cm)

Lengths: 8" (20.3 cm), 12" (30.5 cm) and 18" (45.7 cm)

Inlet Type: NPT, BSP, ACME, spigot and socket

Outlet Thread Type: NPT, BSP or ACME

Enlarging NPT, BSP or ACME Outlets:

Available on 1" (2.5 cm) and 1.25" (3.2 cm) swing joints for connections to many rotors with 1 1/4" (3.2 cm) and 1 1/2" (3.8 cm) inlet sizes respectively (no additional adapters required)

Outlet Configuration: Single-top or triple-top

Pressure Rating: 315 psi (21.7 bar) at 73°F (22.8°C)

Reducing ACME Inlet: Available on 1 1/4" (3.2 cm) diameter swing joints for connection to a 1 1/2" ACME service tee

Multiple Inlet/Outlet Configurations: Available with standard and triple top configurations for added rotor positioning flexibility. Also available are models for top mount or side mount to lateral lines.

- **Superior Flow Characteristics.** An innovative swept elbow design* reduces pressure loss by 50 percent over other swing joints.
- **Excellent Structural Integrity.** Reduces the costs associated with fatigue-related failures.
- **Double O-ring Protection.** Provides a better seal to ensure that joints are kept clean and can be repositioned easily.
- **Modified ACME Outlet.** Improves safety by losing seal engagement before losing thread engagement during rotor removal.
- **Color-coding and Distinct Size Markings.** Reduce costs by eliminating errors and improving installation efficiency with quick size identification at the job site.
- **Oversized Threaded Inlets.** Make hand-tightening and blind installations (underwater) easier. This also reduces the risk of potential damage caused by over-tightening with a wrench.
- **Extended Warranty.** When used with Rain Bird Golf Rotors, extends rotor and swing joint warranty to five years.

*Patent pending

NOW AVAILABLE

NPT and BSP ACME Adapters

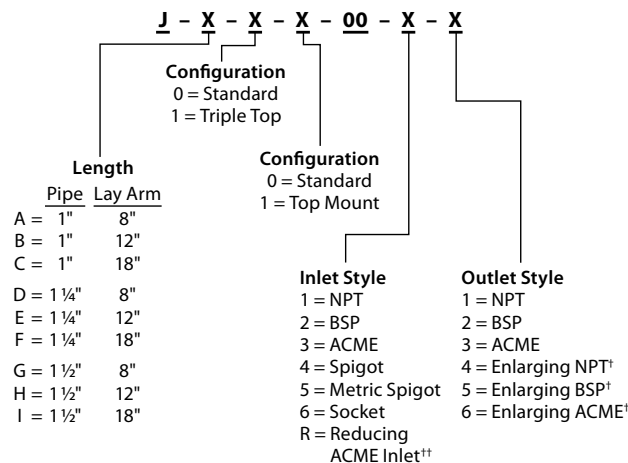
If you currently have NPT or BSP Swing Joints, you can now enjoy the benefits of ACME-threaded rotors by utilizing a Rain Bird® NPT-ACME or BSP-ACME side of the adapter. Just screw the adapter into the inlet on the ACME case, and then screw the rotor with the adapter onto the NPT or BSP swing joint until it is snug. Available for 1", 1 1/4", and 1 1/2" swing joints, the adapter adds only about 1 3/8" to the installed height of the rotor, and is rated at the same operating pressures as Rain Bird® Swing Joints.



● NPT or BSP to ACME Adapter

● Swing Joints

HOW TO SPECIFY



[†]Enlarging outlet available only on 1" and 1 1/4" diameter models

^{**}Reducing inlet available on 1 1/4" diameter models