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

351 – B – XX(X) – ACME

- **Model:** 351
- **Body/Valve:** B
- **Nozzle****
  - Low Flow: 18S, 22S, 26S, 30S, 36S
  - High Flow: 18M†, 26M†, 30M†, 36M†
  - Long Throw: 40, 44, 48, 54
- **Thread Type:** ACME

EAGLE 351B SERIES PERFORMANCE DATA — U.S.

BASE PRESSURE

	Nozzle	60 PSI Radius (ft)	60 PSI Flow (gpm)	70 PSI Radius (ft)	70 PSI Flow (gpm)	80 PSI Radius (ft)	80 PSI Flow (gpm)	90 PSI Radius (ft)	90 PSI 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

	Nozzle	4.1 BAR Radius (m)	4.1 BAR Flow (lps)	4.1 BAR Flow (m³/h)	4.8 BAR Radius (m)	4.8 BAR Flow (lps)	4.8 BAR Flow (m³/h)	5.5 BAR Radius (m)	5.5 BAR Flow (lps)	5.5 BAR Flow (m³/h)	6.2 BAR Radius (m)	6.2 BAR Flow (lps)	6.2 BAR 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 block 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) 60 (4,1)	70 (4,8)	80 (5,5)	100 (6,9)	ALL SAM/HYD AND BLOCK
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	SPR	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