



Chiricahua at Desert Mountain

Golf Rotors

Peace of Mind Today. Continuous Innovation for the Future.

Rain Bird builds innovation into every rotor with high-efficiency nozzles, industry-leading surge resistance and the largest throw range in a single rotor. Trusted by golf professionals everywhere, Rain Bird rotors deliver unrivaled performance and uniformity for excellent playability.

Unmatched GBS25 Protection

Delivering 25kV surge protection and built-in filtration for debris, the GBS25 Solenoid eliminates the most common maintenance tasks that plague competing rotors.

Top Serviceability

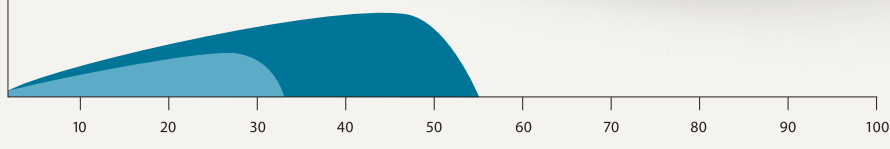
With superior performance in a smaller footprint than competing rotors and an intelligent snap-ring design for quick access to serviceable components, Rain Bird rotors have long been the perfect choice for golf courses.



GOLF ROTORS

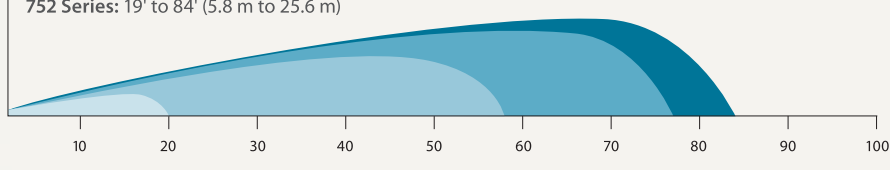
NEW

552 Block Rotors: 33' to 55' (10.1 m to 16.8 m)

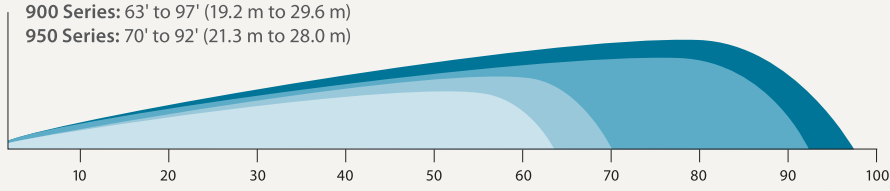


NEW

702 Series: 59' to 77' (18.0 m to 23.5 m)
752 Series: 19' to 84' (5.8 m to 25.6 m)



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



552 Block Rotors



SPECIFICATIONS

Radius: 33' to 55' (10.1 m to 16.8 m)

Flow Rate: 6.80 to 14.00 gpm (0.43 to 0.88 l/s); (1.54 to 3.18 m³/h)

Arc: Full-circle 360°; Adjustable 30° to 345°

Model:

B: Block with Seal-A-Matic™ device

Maximum Inlet Pressure: 100 psi (6.9 bar)

Dimensions:

Body Height: 9.6" (24.5 cm)

Pop-Up Height to Mid-Nozzle: 2.6" (6.6 cm)

Top Diameter: 4.25" (10.8 cm)

Nozzle Trajectory:

51 Nozzle: 12°

52, 53, 54 Nozzles: 25°

Inlet Threads: 1" (25 mm) ACME female thread

Holdback: 17' (5.2 m) elevation

Rotation Time: 180° in ≤ 90 seconds; 80 seconds nominally

Maximum Stream Height:

51 Nozzle: 5' (1.5 m)

52, 53, 54 Nozzles: 13' (4.0 m)

Special Features:

Self-Adjusting Stator

Low Flow-by Bearing Guide

HOW TO SPECIFY

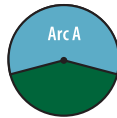
A - 552 - XX - XX			
THREAD TYPE	MODEL	BODY/ VALVE	NOZZLE
ACME	552	B	51
			52
			53
			54



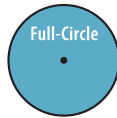


Turn-of-a-Screw Adjustments

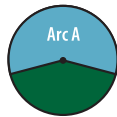
Whether you're catering to grow-in or just trying to get more from a limited water supply, Rapid-Adjust Technology lets your staff make easy arc adjustments with the turn of a screw. MemoryArc® retains two part-circle arc settings, so you can shift between full- and part-circle operation in seconds.



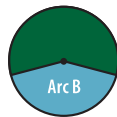
Step 1
Set primary rotor arc.



Step 2
Turn the Full/Part Adjustment Screw for full-circle operation.



Step 3
Turn the rotor to either Arc A or Arc B setting, then set to part-circle. No need to reset the arc when changing between full- and part-circle settings.



U.S. Performance Data

CASCADE NOZZLES

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)
#51-Blue	33	6.8	34	7.4	35	8.0	36	8.5	37	8.8	37.5	9.3
#52-Beige	37	6.7	39	7.2	37	8.1	37	8.2	39	8.7	39	9.3
#53-Gray	51	9.3	51	10.1	51	11.0	51	11.7	51	12.5	51	13.2
#54-Red	—	—	—	—	53	12.0	54	12.4	55	13.3	55	14.0

Metric Performance Data

CASCADE NOZZLES

Base Pressure (bar)	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)
#51-Blue	10.1	0.43	1.54	10.4	0.47	1.68	10.7	0.50	1.82	11.0	0.54	1.93	11.3	0.56	2.00	11.3	0.59	2.11
#52-Beige	11.3	0.42	1.52	11.9	0.46	1.64	11.3	0.51	1.83	11.3	0.52	1.87	11.9	0.55	1.99	11.9	0.59	2.11
#53-Gray	15.5	0.59	2.12	15.5	0.64	2.29	15.5	0.69	2.49	15.5	0.73	2.65	15.5	0.79	2.83	15.5	0.83	2.99
#54-Red	—	—	—	—	—	—	16.2	0.75	2.72	16.5	0.78	2.82	16.8	0.84	3.01	16.8	0.88	3.18

702 Series Rotors



SPECIFICATIONS

Radius: 59' to 77' (18.0 m to 23.5 m)

Flow Rate: 16.85 to 42.85 gpm (1.06 to 2.70 l/s); (3.83 to 9.73 m³/h)

Arc: Full-circle 360°

Models:

- E:** Electric
- IC:** Integrated Control
- B:** Block with Seal-A-Matic™ device

Maximum Inlet Pressure:

- Models E and IC:** 150 psi (10.3 bar)
- Model B:** 100 psi (6.9 bar)

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

Factory Pressure Settings:

- Models E and IC:** Available in 70 and 80 psi (4.8 and 5.5 bar)

Dimensions:

- Body Height:**
- Models E, IC:** 12.0" (30.5 cm)
- Model B:** 9.6" (24.5 cm)

Pop-Up Height to Mid-Nozzle:

- Models E, IC, B:** 2.6" (6.6 cm)

Top Diameter:

- Models E, IC:** 6.25" (15.9 cm)
- Model B:** 4.25" (10.8 cm)

Nozzle Trajectory:

- Standard:** 25°
- Wind Tolerant:** 12°

Inlet Threads:

- Models E, IC:** 1.25" (32 mm) ACME female threaded
- Models B:** 1" (25 mm) ACME female threaded

Holdback:

- Block:** 17" (5.2 m) elevation

Rotation Time: 360° in ≤ 180 seconds; 160 seconds nominally

Maximum Stream Height:

- Standard:** 17' (5.2 m)
- Wind Tolerant:** 10' (3.1 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 25kV standard on electric models

Top-Serviceable Rock Screen™ and Replaceable Valve Seat:

- On Models E, IC

Special Features:

- Self-Adjusting Stator
- Optional Sod Cup

GOLF ROTORS



COMPATIBLE WITH
Rain Bird® Sod Cup Kit
(See page 19)

HOW TO SPECIFY

A	-	702	-	XX	-	XX	-	XX
THREAD TYPE		MODEL		BODY/ VALVE		PRESSURE REGULATOR		NOZZLE
ACME		702		E		70 (4.8)		28
				IC		80 (5.5)		32
				B				36
								40
								44
								48

NOTE: 28/32/36 main nozzles come with Blue/Black spreader nozzle combination and 40/44/48 main nozzles come with Black/Black spreader nozzle combination.



U.S. Performance Data

DUAL SPREADER™ NOZZLES

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)
#28 - White	59	16.9	60	18.8	62	20.3	62	21.5	63	22.7	65	24.2
#32 - Blue	62	20.6	63	22.1	65	23.3	67	25.0	69	27.3	69	28.7
#36 - Yellow	66	21.0	66	24.0	68	26.4	70	28.3	70	28.8	71	31.2
#40 - Orange	64	23.9	68	26.3	71	28.7	72	30.6	73	32.1	74	33.5
#44 - Green	—	—	69	29.0	73	31.8	75	33.9	75	35.6	75	37.2
#48 - Black	—	—	—	—	72	35.4	74	37.5	75	40.9	77	42.9

Metric Performance Data

DUAL SPREADER™ NOZZLES

Base Pressure (bar)	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)						
#28 - White	18.0	1.06	3.83	18.3	1.18	4.26	18.9	1.28	4.61	18.9	1.36	4.88	19.2	1.43	5.14	19.8	1.53	5.50
#32 - Blue	18.9	1.30	4.67	19.2	1.39	5.01	19.8	1.47	5.29	20.4	1.57	5.67	21.0	1.72	6.20	21.0	1.81	6.51
#36 - Yellow	20.1	1.32	4.76	20.1	1.51	5.44	20.7	1.67	6.00	21.3	1.78	6.42	21.3	1.83	6.54	21.6	1.97	7.09
#40 - Orange	19.5	1.51	5.43	20.7	1.66	5.97	21.6	1.81	6.52	22.0	1.93	6.95	22.3	2.03	7.29	22.6	2.11	7.60
#44 - Green	—	—	—	21.0	1.83	6.59	22.3	2.01	7.23	22.9	2.14	7.71	22.9	2.25	8.09	22.9	2.34	8.44
#48 - Black	—	—	—	—	—	—	22.0	2.23	8.04	22.6	2.36	8.51	22.9	2.58	9.29	23.5	2.70	9.73



752 Series Rotors



SPECIFICATIONS

Radius: 19' to 84' (5.8 m to 25.6 m)

Flow Rate: 6.67 to 46.55 gpm (0.42 to 2.94 l/s)
(1.51 to 10.57 m³/h)

Arc: Full-circle 360°; Adjustable 30° to 345°

Models:

- E:** Electric
- IC:** Integrated Control
- B:** Block with Seal-A-Matic™ device

Maximum Inlet Pressure:

- Models E and IC:** 150 psi (10.3 bar)
- Model B:** 100 psi (6.9 bar)

Pressure Regulation Range:

- Models E and IC:** 60 to 100 psi (4.1 to 6.9 bar)

Factory Pressure Settings: Models E and IC available in 70 and 80 psi (4.8 and 5.5 bar)

Dimensions:

- Body Height:**
- Models E, IC:** 12.0" (30.5 cm)
- Model B:** 9.6" (24.5 cm)

Pop-Up Height to Mid-Nozzle:

- Models E, IC, B:** 2.6" (6.6 cm)

Top Diameter:

- Models E, IC:** 6.25" (15.9 cm)
- Model B:** 4.25" (10.8 cm)

Nozzle Trajectory:

- Standard:** 25°
- Wind Tolerant:** 12°
- Low Angle:** 15°

Inlet Threads:

- Models E, IC:** 1.25" (32 mm) ACME female threaded
- Model B:** 1" (25 mm) ACME female threaded

Holdback:

Block: 17' (5.2 m) elevation

Rotation Time: 180° in ≤ 90 seconds; 80 seconds nominally

Maximum Stream Height:

- Standard:** 17' (5.2 m)
- Wind Tolerant:** 10' (3.1 m)
- Low Angle:** 12' (3.7 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)

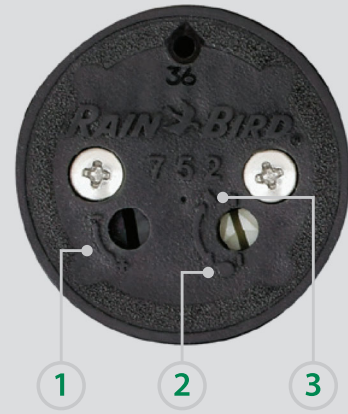
Surge Resistance: Up to 25kV standard on electric models

Top-Serviceable Rock Screen™ and Replaceable Valve Seat: On models E, IC

Special Features:
Self-Adjusting Stator
Optional Sod Cup

Meet Challenging Field Conditions

The Rain Bird® 752 Series low angle nozzle housing with 15° trajectory accepts any of the twelve 752 Series nozzles, giving the user the capability to optimize rotors to meet challenging field conditions such as elevation differences and obstacles.



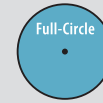
Turn-of-a-Screw Adjustments

Whether you're catering to grow-in or just trying to get more from a limited water supply, Rapid-Adjust Technology lets your staff make easy arc adjustments with the turn of a screw. MemoryArc® retains two part-circle arc settings, so you can shift between full- and part-circle operation in seconds.



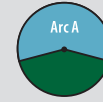
Step 1

Set primary rotor arc.



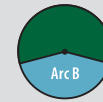
Step 2

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



Step 3

Turn the rotor to either Arc A or Arc B setting, then set to part-circle. No need to reset the arc when changing between full- and part-circle settings.



HOW TO SPECIFY

A	-	752	-	XX	-	XX	-	XX
THREAD TYPE		MODEL		BODY/ VALVE		PRESSURE REGULATOR		NOZZLE
ACME		752		E		70 (4.8)		18 32
				IC		80 (5.5)		20 36
				B				22 40
								24 44
								26 48
								28 50

U.S. Performance Data

DUAL SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS

Base Pressure (psi)	50			60			70			80			90			100		
	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)	Radius (ft)	LA (ft)	Flow (gpm)
#18 - Beige*	27	—	6.3	29	—	6.6	30	—	6.8	31	—	7.2	32	—	7.5	34	—	7.8
#20 - Gray*	36	31	7.2	37	33	7.7	37	34	8.4	38	35	9.1	39	36	9.5	40	37	10.0
#22 - Red*	41	38	8.8	43	40	9.7	44	41	10.2	44	42	10.8	44	42	11.5	44	43	12.0
#24 - Plum*	46	42	8.3	47	43	8.9	47	44	9.6	48	44	10.2	48	45	10.8	48	46	11.4
#26 - Lt. Green*	50	46	9.5	50	45	10.1	51	47	10.9	51	49	11.6	52	49	12.3	53	50	12.8
#28 - White**	54	51	14.9	56	54	16.4	58	56	17.6	58	57	18.8	57	58	20.2	59	57	21.4
#32 - Blue**	62	54	17.1	62	56	19.0	63	59	20.3	63	61	21.8	67	61	22.9	67	61	24.0
#36 - Yellow**	64	59	19.5	65	62	21.3	66	64	23.2	68	65	24.7	68	66	26.2	69	68	27.2
#40 - Orange**	63	63	22.3	65	64	24.0	67	66	26.3	68	67	27.9	69	68	29.7	69	68	31.1
#44 - Green**	—	—	—	67	66	26.9	69	68	28.6	71	70	30.6	71	71	32.5	73	71	34.0
#48 - Black**	—	—	—	—	—	—	76	70	31.5	76	72	34.0	76	74	35.8	75	76	38.5
#50 - Dk. Brown**	—	—	—	—	—	—	79	68	39.4	81	70	41.9	82	73	44.7	84	75	47.0

Metric Performance Data

DUAL SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS

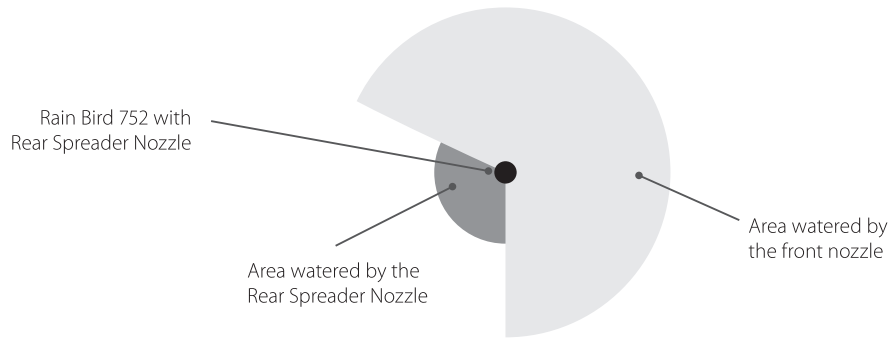
Base Pressure (bar)	3.4				4.1				4.8				5.5				6.2				6.9			
	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	LA (m)	Flow (l/s)	Flow (m³/h)
#18 - Beige*	8.2	—	0.40	1.43	8.8	—	0.42	1.50	9.1	—	0.43	1.54	9.5	—	0.45	1.63	9.8	—	0.47	1.70	10.4	—	0.49	1.77
#20 - Gray*	11.0	9.5	0.45	1.63	11.3	10.1	0.49	1.75	11.3	10.4	0.53	1.92	11.6	10.7	0.57	2.06	11.9	11.0	0.60	2.15	12.2	11.3	0.63	2.27
#22 - Red*	12.5	11.6	0.56	2.00	13.1	12.2	0.61	2.19	13.4	12.5	0.64	2.32	13.4	12.8	0.68	2.45	13.4	12.8	0.72	2.60	13.4	13.1	0.76	2.73
#24 - Plum*	14.0	12.8	0.53	1.89	14.3	13.1	0.56	2.02	14.3	13.4	0.61	2.18	14.6	13.4	0.64	2.31	14.6	13.7	0.68	2.45	14.6	14.0	0.72	2.59
#26 - Lt. Green*	15.2	14.0	0.60	2.16	15.2	13.7	0.64	2.30	15.5	14.3	0.69	2.48	15.5	14.9	0.73	2.64	15.9	14.9	0.78	2.80	16.2	15.2	0.80	2.90
#28 - White**	16.5	15.5	0.94	3.38	17.1	16.5	1.03	3.71	17.7	17.1	1.11	3.99	17.7	17.4	1.19	4.27	17.4	17.7	1.27	4.58	18.0	17.4	1.35	4.86
#32 - Blue**	18.9	16.5	1.08	3.88	18.9	17.1	1.20	4.32	19.2	18.0	1.28	4.62	19.2	18.6	1.37	4.94	20.4	18.6	1.44	5.20	20.4	18.6	1.51	5.44
#36 - Yellow**	19.5	18.0	1.23	4.44	19.8	18.9	1.35	4.84	20.1	19.5	1.47	5.27	20.7	19.8	1.56	5.61	20.7	20.1	1.65	5.96	21.0	20.7	1.72	6.18
#40 - Orange**	19.2	19.2	1.40	5.06	19.8	19.5	1.51	5.44	20.4	20.1	1.66	5.98	20.7	20.4	1.76	6.34	21.0	20.7	1.87	6.75	21.0	20.7	1.96	7.06
#44 - Green**	—	—	—	—	20.4	20.1	1.70	6.12	21.0	20.7	1.80	6.49	21.6	21.3	1.93	6.95	21.6	21.6	2.05	7.38	22.3	21.6	2.15	7.73
#48 - Black**	—	—	—	—	—	—	—	—	23.2	21.3	1.99	7.15	23.2	22.0	2.14	7.71	23.2	22.6	2.26	8.13	22.9	22.9	2.43	8.74
#50 - Dk. Brown**	—	—	—	—	—	—	—	—	24.1	20.7	2.48	8.94	24.7	21.3	2.64	9.52	25.0	22.3	2.82	10.16	25.6	22.9	2.97	10.68

*Requires Low-Flow Valve in Valve-in-Head (VIH) Case Assembly

**Requires High-Flow Valve-in-Head (VIH) Case Assembly

Typical Installation:

Watering area behind the Rain Bird® 752.



752 Series U.S. Performance Data

REAR SPREADER NOZZLES

Spreader Nozzle Color	Flow (gpm)	Nozzle Range		Flow (gpm)	Nozzle Range		Flow (gpm)	Nozzle Range		Flow (gpm)	Nozzle Range		Flow (gpm)	Nozzle Range		Flow (gpm)	Nozzle Range	
		Main (ft)	Rear (ft)		Main (ft)	Rear (ft)		Main (ft)	Rear (ft)		Main (ft)	Rear (ft)		Main (ft)	Rear (ft)		Main (ft)	Rear (ft)
MAIN NOZZLE #18 – BEIGE						MAIN NOZZLE #20 – GRAY						MAIN NOZZLE #22 – RED						
Pressure (psi)		70		80		70		80		70		80		70		80		
Orange	11.3	26	36	12.2	28	36	11.4	38	36	12.2	38	34	13.0	42	32	13.6	42	34
Green	13.9	26	52	14.6	28	52	15.3	34	50	16.3	36	52	16.4	40	52	17.5	40	52
Blue	14.2	26	48	15.2	26	48	15.6	36	48	16.6	36	44	16.7	42	46	17.9	42	46
Black	13.3	26	46	14.0	26	46	14.5	36	46	15.3	36	46	15.8	40	44	16.9	42	44
Red	12.3	26	50	12.9	26	52	13.3	36	50	14.3	36	52	14.7	40	50	15.8	40	50
Blue + Diffuser	10.8	26	34	11.3	28	34	12.2	36	34	12.8	38	34	13.5	40	32	14.3	40	34
Black + Diffuser	11.4	27	32	11.1	28	32	12.1	36	33	12.8	37	32	13.2	39	32	14.1	39	32
MAIN NOZZLE #24 – PLUM						MAIN NOZZLE #26 – LT. GREEN						MAIN NOZZLE #28 – WHITE						
Pressure (psi)		70		80		70		80		70		80		70		80		
Orange	12.2	44	32	12.9	44	32	15.0	48	32	16.0	52	34	20.3	58	34	21.8	58	34
Green	15.9	44	50	16.9	46	50	18.7	48	50	19.9	50	52	23.8	56	50	25.0	56	50
Blue	16.2	44	46	17.3	44	46	18.9	50	46	20.2	50	46	24.3	56	42	25.8	56	42
Black	15.2	44	46	16.4	44	46	17.3	48	44	18.5	48	44	23.3	58	40	24.7	58	40
Red	14.1	46	50	15.2	46	50	16.8	48	50	17.8	48	52	22.4	60	50	23.6	58	50
Blue + Diffuser	13.0	46	34	13.8	44	34	15.2	50	34	16.3	50	34	21.4	60	34	22.6	60	34
Black + Diffuser	12.7	44	32	13.6	44	32	15.5	47	31	16.5	48	31	20.8	57	32	22.4	58	31
MAIN NOZZLE #32 – BLUE						MAIN NOZZLE #36 – YELLOW						MAIN NOZZLE #40 – ORANGE						
Pressure (psi)		70		80		70		80		70		80		70		80		
Orange	22.5	64	32	24.1	64	32	25.0	66	32	26.8	66	32	28.2	68	30	30.1	68	30
Green	25.8	60	50	27.5	62	50	28.4	64	48	31.8	64	48	31.6	68	46	33.2	68	46
Blue	25.8	60	42	27.5	60	42	28.5	64	40	30.5	64	40	31.5	66	40	33.5	66	40
Black	25.5	60	38	27.1	60	40	28.2	64	38	29.6	64	36	38.7	66	38	32.9	68	38
Red	24.1	62	48	25.9	62	48	27.0	64	48	29.0	66	48	30.1	68	48	32.3	68	48
Blue + Diffuser	23.3	62	32	24.7	62	34	26.1	64	34	27.9	68	34	38.2	68	32	38.5	68	32
Black + Diffuser	22.9	61	31	24.4	61	31	25.9	64	31	27.5	66	31	28.4	67	30	30.8	68	30
MAIN NOZZLE #44 – GREEN						MAIN NOZZLE #48 – BLACK						MAIN NOZZLE #50 – DK. BROWN						
Pressure (psi)		70		80		70		80		70		80		70		80		
Orange	30.6	68	32	32.7	70	30	33.4	70	30	35.9	70	30	41.1	74	30	43.7	76	30
Green	33.6	68	46	36.2	70	46	36.2	66	46	38.7	70	46	43.6	72	42	46.2	74	42
Blue	34.7	68	38	36.6	70	38	36.9	66	34	40.0	68	36	43.4	72	36	46.5	74	36
Black	33.3	68	38	34.9	70	38	35.9	68	38	38.1	70	38	42.7	72	34	45.8	74	34
Red	32.5	68	48	34.5	70	48	34.8	70	46	37.5	72	46	42.3	72	44	44.8	74	44
Blue + Diffuser	31.4	70	32	33.7	72	32	34.6	70	34	36.0	72	34	41.6	74	32	44.2	76	32
Black + Diffuser	31.5	69	30	33.3	71	30	34.3	71	30	36.7	71	30	41.2	73	29	43.8	75	29

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.



752 Series Metric Performance Data

REAR SPREADER NOZZLES

Spreader Nozzle Color	Flow		Nozzle Range		Flow		Nozzle Range		Flow		Nozzle Range		Flow		Nozzle Range		Flow		Nozzle Range						
	(m³/h)	(l/s)	Main (m)	Rear (m)	(m³/h)	(l/s)	Main (m)	Rear (m)	(m³/h)	(l/s)	Main (m)	Rear (m)	(m³/h)	(l/s)	Main (m)	Rear (m)	(m³/h)	(l/s)	Main (m)	Rear (m)					
MAIN NOZZLE #18 – BEIGE																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.6	0.71	7.9	11.0	2.8	0.77	8.5	11.0	2.6	0.72	11.6	11.0	2.8	0.77	11.6	10.4	3.0	0.82	12.8	9.8	3.1	0.86	12.8	10.4	
Green	3.2	0.88	7.9	15.8	3.3	0.92	8.5	15.8	3.5	0.97	10.4	15.2	3.7	1.03	11.0	15.8	3.7	1.03	12.2	15.8	4.0	1.10	12.2	15.8	
Blue	3.2	0.90	7.9	14.6	3.5	0.96	7.9	14.6	3.5	0.98	11.0	14.6	3.8	1.05	11.0	13.4	3.8	1.05	12.8	14.0	4.1	1.13	12.8	14.0	
Black	3.0	0.84	7.9	14.0	3.2	0.88	7.9	14.0	3.3	0.91	11.0	14.0	3.5	0.97	11.0	14.0	3.6	1.00	12.2	13.4	3.8	1.07	12.8	13.4	
Red	2.8	0.78	7.9	15.2	2.9	0.81	7.9	15.8	3.0	0.84	11.0	15.2	3.2	0.90	11.0	15.8	3.3	0.93	12.2	15.2	3.6	1.00	12.2	15.2	
Blue+ Diffuser	2.5	0.68	7.9	10.4	2.6	0.71	8.5	10.4	2.8	0.77	11.0	10.4	2.9	0.81	11.6	10.4	3.1	0.85	12.2	9.8	3.2	0.90	12.2	10.4	
Black+ Diffuser	2.6	0.72	8.2	9.8	2.5	0.70	8.5	9.8	2.7	0.76	11.0	10.1	2.9	0.81	11.3	9.8	3.0	0.83	11.9	9.8	3.2	0.89	11.9	9.8	
MAIN NOZZLE #20 – GRAY																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.6	0.71	7.9	11.0	2.8	0.77	8.5	11.0	2.6	0.72	11.6	11.0	2.8	0.77	11.6	10.4	3.0	0.82	12.8	9.8	3.1	0.86	12.8	10.4	
Green	3.2	0.88	7.9	15.8	3.3	0.92	8.5	15.8	3.5	0.97	10.4	15.2	3.7	1.03	11.0	15.8	3.7	1.03	12.2	15.8	4.0	1.10	12.2	15.8	
Blue	3.2	0.90	7.9	14.6	3.5	0.96	7.9	14.6	3.5	0.98	11.0	14.6	3.8	1.05	11.0	13.4	3.8	1.05	12.8	14.0	4.1	1.13	12.8	14.0	
Black	3.0	0.84	7.9	14.0	3.2	0.88	7.9	14.0	3.3	0.91	11.0	14.0	3.5	0.97	11.0	14.0	3.6	1.00	12.2	13.4	3.8	1.07	12.8	13.4	
Red	2.8	0.78	7.9	15.2	2.9	0.81	7.9	15.8	3.0	0.84	11.0	15.2	3.2	0.90	11.0	15.8	3.3	0.93	12.2	15.2	3.6	1.00	12.2	15.2	
Blue+ Diffuser	2.5	0.68	7.9	10.4	2.6	0.71	8.5	10.4	2.8	0.77	11.0	10.4	2.9	0.81	11.6	10.4	3.1	0.85	12.2	9.8	3.2	0.90	12.2	10.4	
Black+ Diffuser	2.6	0.72	8.2	9.8	2.5	0.70	8.5	9.8	2.7	0.76	11.0	10.1	2.9	0.81	11.3	9.8	3.0	0.83	11.9	9.8	3.2	0.89	11.9	9.8	
MAIN NOZZLE #22 – RED																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.6	0.71	7.9	11.0	2.8	0.77	8.5	11.0	2.6	0.72	11.6	11.0	2.8	0.77	11.6	10.4	3.0	0.82	12.8	9.8	3.1	0.86	12.8	10.4	
Green	3.2	0.88	7.9	15.8	3.3	0.92	8.5	15.8	3.5	0.97	10.4	15.2	3.7	1.03	11.0	15.8	3.7	1.03	12.2	15.8	4.0	1.10	12.2	15.8	
Blue	3.2	0.90	7.9	14.6	3.5	0.96	7.9	14.6	3.5	0.98	11.0	14.6	3.8	1.05	11.0	13.4	3.8	1.05	12.8	14.0	4.1	1.13	12.8	14.0	
Black	3.0	0.84	7.9	14.0	3.2	0.88	7.9	14.0	3.3	0.91	11.0	14.0	3.5	0.97	11.0	14.0	3.6	1.00	12.2	13.4	3.8	1.07	12.8	13.4	
Red	2.8	0.78	7.9	15.2	2.9	0.81	7.9	15.8	3.0	0.84	11.0	15.2	3.2	0.90	11.0	15.8	3.3	0.93	12.2	15.2	3.6	1.00	12.2	15.2	
Blue+ Diffuser	2.5	0.68	7.9	10.4	2.6	0.71	8.5	10.4	2.8	0.77	11.0	10.4	2.9	0.81	11.6	10.4	3.1	0.85	12.2	9.8	3.2	0.90	12.2	10.4	
Black+ Diffuser	2.6	0.72	8.2	9.8	2.5	0.70	8.5	9.8	2.7	0.76	11.0	10.1	2.9	0.81	11.3	9.8	3.0	0.83	11.9	9.8	3.2	0.89	11.9	9.8	
MAIN NOZZLE #24 – PLUM																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.8	0.77	13.4	9.8	2.9	0.81	13.4	9.8	3.4	0.95	14.6	9.8	3.6	1.01	15.8	10.4	4.6	1.28	17.7	10.4	5.0	1.38	17.7	10.4	
Green	3.6	1.00	13.4	15.2	3.8	1.07	14.0	15.2	4.2	1.18	14.6	15.2	4.5	1.26	15.2	15.8	5.4	1.50	17.1	15.2	5.7	1.58	17.1	15.2	
Blue	3.7	1.02	13.4	14.0	3.9	1.09	13.4	14.0	4.3	1.19	15.2	14.0	4.6	1.27	15.2	14.0	5.5	1.53	17.1	12.8	5.9	1.63	17.1	12.8	
Black	3.5	0.96	13.4	14.0	3.7	1.03	13.4	14.0	3.9	1.09	14.6	13.4	4.2	1.17	14.6	13.4	5.3	1.47	17.7	12.2	5.6	1.56	17.7	12.2	
Red	3.2	0.89	14.0	15.2	3.5	0.96	14.0	15.2	3.8	1.06	14.6	15.2	4.0	1.12	14.6	15.8	5.1	1.41	18.3	15.2	5.4	1.49	17.7	15.2	
Blue+ Diffuser	3.0	0.82	14.0	10.4	3.1	0.87	13.4	10.4	3.5	0.96	15.2	10.4	3.7	1.03	15.2	10.4	4.9	1.35	18.3	10.4	5.1	1.43	18.3	10.4	
Black+ Diffuser	2.9	0.80	13.4	9.8	3.1	0.86	13.4	9.8	3.5	0.98	14.3	9.4	3.7	1.04	14.5	9.4	4.7	1.31	17.4	9.8	5.1	1.41	17.7	9.4	
MAIN NOZZLE #26 – LT. GREEN																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.8	0.77	13.4	9.8	2.9	0.81	13.4	9.8	3.4	0.95	14.6	9.8	3.6	1.01	15.8	10.4	4.6	1.28	17.7	10.4	5.0	1.38	17.7	10.4	
Green	3.6	1.00	13.4	15.2	3.8	1.07	14.0	15.2	4.2	1.18	14.6	15.2	4.5	1.26	15.2	15.8	5.4	1.50	17.1	15.2	5.7	1.58	17.1	15.2	
Blue	3.7	1.02	13.4	14.0	3.9	1.09	13.4	14.0	4.3	1.19	15.2	14.0	4.6	1.27	15.2	14.0	5.5	1.53	17.1	12.8	5.9	1.63	17.1	12.8	
Black	3.5	0.96	13.4	14.0	3.7	1.03	13.4	14.0	3.9	1.09	14.6	13.4	4.2	1.17	14.6	13.4	5.3	1.47	17.7	12.2	5.6	1.56	17.7	12.2	
Red	3.2	0.89	14.0	15.2	3.5	0.96	14.0	15.2	3.8	1.06	14.6	15.2	4.0	1.12	14.6	15.8	5.1	1.41	18.3	15.2	5.4	1.49	17.7	15.2	
Blue+ Diffuser	3.0	0.82	14.0	10.4	3.1	0.87	13.4	10.4	3.5	0.96	15.2	10.4	3.7	1.03	15.2	10.4	4.9	1.35	18.3	10.4	5.1	1.43	18.3	10.4	
Black+ Diffuser	2.9	0.80	13.4	9.8	3.1	0.86	13.4	9.8	3.5	0.98	14.3	9.4	3.7	1.04	14.5	9.4	4.7	1.31	17.4	9.8	5.1	1.41	17.7	9.4	
MAIN NOZZLE #28 – WHITE																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	2.8	0.77	13.4	9.8	2.9	0.81	13.4	9.8	3.4	0.95	14.6	9.8	3.6	1.01	15.8	10.4	4.6	1.28	17.7	10.4	5.0	1.38	17.7	10.4	
Green	3.6	1.00	13.4	15.2	3.8	1.07	14.0	15.2	4.2	1.18	14.6	15.2	4.5	1.26	15.2	15.8	5.4	1.50	17.1	15.2	5.7	1.58	17.1	15.2	
Blue	3.7	1.02	13.4	14.0	3.9	1.09	13.4	14.0	4.3	1.19	15.2	14.0	4.6	1.27	15.2	14.0	5.5	1.53	17.1	12.8	5.9	1.63	17.1	12.8	
Black	3.5	0.96	13.4	14.0	3.7	1.03	13.4	14.0	3.9	1.09	14.6	13.4	4.2	1.17	14.6	13.4	5.3	1.47	17.7	12.2	5.6	1.56	17.7	12.2	
Red	3.2	0.89	14.0	15.2	3.5	0.96	14.0	15.2	3.8	1.06	14.6	15.2	4.0	1.12	14.6	15.8	5.1	1.41	18.3	15.2	5.4	1.49	17.7	15.2	
Blue+ Diffuser	3.0	0.82	14.0	10.4	3.1	0.87	13.4	10.4	3.5	0.96	15.2	10.4	3.7	1.03	15.2	10.4	4.9	1.35	18.3	10.4	5.1	1.43	18.3	10.4	
Black+ Diffuser	2.9	0.80	13.4	9.8	3.1	0.86	13.4	9.8	3.5	0.98	14.3	9.4	3.7	1.04	14.5	9.4	4.7	1.31	17.4	9.8	5.1	1.41	17.7	9.4	
MAIN NOZZLE #32 – BLUE																									
Pressure (bar)		4.8				5.5				4.8				5.5				4.8				5.5			
Orange	5.1	1.42	19.5	9.8	5.5	1.52	19.5	9.8	5.7	1.58	20.1	9.8	6.1	1.69	20.1	9.8	6.4	1.78	20.7	9.1	6.8	1.90	20.7	9.1	
Green	5.9	1.63	18.3	15.2	6.2	1.73	18.9	15.2	6.5	1.79	19.5	14.6	7.2	2.01	19.5	14.6	7.2	1.99	20.7	14.0	7.5	2.09	20.7	14.0	
Blue	5.9	1.63	18.3	12.8	6.2	1.73	18.3	12.8	6.5	1.80	19.5	12.2	6.9	1.92	19.5	12.2	7.2	1.99	20.1	12.2	7.6	2.11	20.1	12.2	
Black	5.8	1.61	18.3	11.6	6.2	1.71	18.3	12.2	6.4	1.78	19.5	11.6	6.7	1.87	19.5	11.0	8.8	2.44	20.1	11.6	7.5	2.08	20.7	11.6	
Red	5.5	1.52	18.9	14.6	5.9	1.63	18.9	14.6	6.1	1.70	19.5	14.6	6.6	1.83	20.1	14.6	6.8	1.90	20.7	14.6	7.3	2.04	20.7	14.6	
Blue+ Diffuser	5.3	1.47	18.9	9.8	5.6	1.56	18.9	10.4	5.9	1.65	19.5	10.4	6.3	1.76	20.7	10.4	8.7	2.41	20.7	9.8	8.7	2.43	20.7	9.8</	

EAGLE™ 900 Series Rotors

SPECIFICATIONS

Radius: 63' to 97' (19.2 m to 29.6 m)

Flow Rate: 21.4 to 57.1 gpm
(1.35 to 3.60 l/s) (4.85 to 12.97 m³/h)

Arc: Full-circle, 360°

Models:

- E:** Electric;
- IC:** Integrated Control
- SAM:** Stopmatic

Maximum Inlet Pressure:

- Models E and IC:** 150 psi (10.3 bar)
- Model SAM:** 100 psi (6.9 bar)

Pressure Regulation Range:

60 to 100 psi (4.1 to 6.9 bar)

Factory Pressure Settings:

Models E and IC available in 70 and 80 psi (4.8 and 5.5 bar)

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 15' (4.6 m) elevation

Rotation Time: 360° in ≤ 240 seconds; 210 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 25kV standard on electric models

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

HOW TO SPECIFY

A	900	X	XX	XX
THREAD TYPE	MODEL	BODY/ VALVE	PRESSURE REGULATOR	NOZZLE
ACME	900	E	70 (4.8)	44
		IC	80 (5.5)	48
		SAM		52
				56
				60
				64



U.S. Performance Data

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)		
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	46.4	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

Metric Performance Data

HIGH PERFORMANCE NOZZLES

Base Pressure (bar)	#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 Rotors

SPECIFICATIONS

Radius: 70' to 92' (21.3 m to 28.0 m)

Flow Rate: 19.5 to 59.4 gpm (1.23 to 3.75 l/s)
(4.43 to 13.49 m³/h)

Arc: Part-circle, 40° to 345°

Models:

- E:** Electric
- IC:** Integrated Control
- SAM:** Stopmatic

Maximum Inlet Pressure:

- Models E and IC:** 150 psi (10.3 bar)
- Model SAM:** 100 psi (6.9 bar)

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

Factory Pressure Settings: Models E and IC
available in 70 and 80 psi (4.8 and 5.5 bar)

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 15' (4.6 m) elevation

Rotation Time: 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 25kV standard on
electric models

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

HOW TO SPECIFY

A	-	950	-	X	-	XX	-	XX
THREAD TYPE		MODEL		BODY/ VALVE		PRESSURE REGULATOR		NOZZLE
ACME		950		E		70 (4.8)		18 26
				IC		80 (5.5)		20 28
				SAM				22 30
								24 32



GOLF ROTORS

U.S. Performance Data

DUAL SPREADER™ 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

Metric Performance Data

DUAL SPREADER™ NOZZLES

Base Pressure (bar)	#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) (m³/h)	Radius (m)	Flow (l/s) (m³/h)	Radius (m)	Flow (l/s) (m³/h)	Radius (m)	Flow (l/s) (m³/h)	Radius (m)	Flow (l/s) (m³/h)	Radius (m)	Flow (l/s) (m³/h)	Radius (m)	Flow (l/s) (m³/h)	Radius (m)	Flow (l/s) (m³/h)
4.1	21.3	1.23 4.43	21.9	1.45 5.22	22.6	1.67 6.06	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

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.



Features	552	702	752	900	950
Radius	33' to 55' (10.1 m to 16.8 m)	59' to 77' (18.0 m to 23.5 m)	19' to 84' (5.8 m to 25.6 m)	63' to 97' (19.2 m to 29.6 m)	70' to 92' (21.3 m to 28.0 m)
Flow Rate	6.80 to 14.00 gpm (0.43 to 0.88 l/s) (1.54 to 3.18 m ³ /h)	16.85 to 42.85 gpm (1.06 to 2.70 l/s) (3.83 to 9.73 m ³ /h)	6.67 to 46.55 gpm (0.42 to 2.94 l/s) (1.54 to 10.57 m ³ /h)	21.4 to 57.1 gpm (1.35 to 3.60 l/s) (4.85 to 12.97 m ³ /h)	19.5 to 59.4 gpm (1.23 to 3.75 l/s) (4.43 to 13.49 m ³ /h)
Arc	Full-circle 360° Adjustable 30° to 345°	Full-circle 360°	Full-circle 360° Adjustable 30° to 345°	Full-circle 360°	Adjustable 40° to 345°
Models	Full- and Part-Circle 552B: Seal-A-Matic™	Full-Circle 702E: Electric 702IC: Integrated Control 702B: Seal-A-Matic	Full- and Part-Circle 752E: Electric 752IC: Integrated Control 752B: Seal-A-Matic	Full-Circle 900E: Electric 900IC: Integrated Control 900SAM: Stopamatic	Part-Circle 950E: Electric 950IC: Integrated Control 950SAM: Stopamatic
Maximum Inlet Pressure	100 psi (6.9 bar)	Models E and IC: 150 psi (10.3 bar) Model B: 100 psi (6.9 bar)		Models E and IC: 150 psi (10.3 bar) Model SAM: 100 psi (6.9 bar)	
Pressure Regulation Range	—	60 to 100 psi (4.1 to 6.9 bar)		60 to 100 psi (4.1 to 6.9 bar)	
Factory Pressure Settings	—	E and IC: Available in 70 and 80 psi (4.8 and 5.5 bar)		E and IC: Available in 70 and 80 psi (4.8 and 5.5 bar)	
Body Height	9.6" (24.5 cm)	Models E, IC: 12.0" (30.5 cm) Model B: 9.6" (24.5 cm)		13.4" (34.0 cm)	
Pop-Up Height	2.6" (6.6 cm)	2.6" (6.6 cm)		2.25" (5.7 cm)	
Top Diameter	4.25" (10.8 cm)	Models E, IC: 6.25" (15.9 cm) Model B: 4.25" (10.8 cm)		7" (17.8 cm)	
Nozzle Trajectory	51 Nozzle: 12° 52, 53, 54 Nozzles: 25°	Standard: 25° Wind Tolerant: 12°	Standard: 25° Wind Tolerant: 12° Low Angle: 15°	25°	
Inlet Threads	1" (25 mm) ACME female threaded	Models E, IC: 1.25" (32 mm) ACME female threaded Model B: 1" (25 mm) ACME female threaded		1.5" (38 mm) (15/21) ACME female threaded	
Holdback	17' (5.2 m) elevation	Block: 17' (5.2 m) elevation		SAM: 15' (4.6 m) elevation	
Rotation Time	180° in ≤ 90 seconds; 80 seconds nominally	360° in ≤ 180 seconds; 160 seconds nominally	180° in ≤ 90 seconds; 80 seconds nominally	360° in ≤ 240 seconds; 210 seconds nominally	180° in ≤ 120 seconds; 105 seconds nominally
Maximum Stream Height	51 Nozzle: 5' (1.5 m) 52, 53, 54 Nozzles: 13' (4.0 m)	Standard: 17' (5.2 m) Wind Tolerant: 10' (3.1 m)	Standard: 17' (5.2 m) Wind Tolerant: 10' (3.1 m) Low Angle: 12' (3.7 m)	20' (6.1 m)	
Solenoid	—	24 VAC solenoid power requirement		24 VAC solenoid power requirement	
Surge Resistance	—	Up to 25kV standard on electric models		Up to 25kV standard on electric models	
Top-Serviceable Rock Screen™ and Replaceable Valve Seat	—	E, IC		E, IC, SAM	

552/702/752 Series

Nozzle	Pressure Settings psi (bar)			
	60 (4.1)	70 (4.8)	80 (5.5)	100 (6.9)
552				
#51-Blue	SAS	SAS	SAS	SAS
#52-Beige	SAS	SAS	SAS	SAS
#53-Gray	SAS	SAS	SAS	SAS
#54-Red	N/R	SAS	SAS	SAS
702				
#28-White	SAS	SAS	SAS	SAS
#32-Blue	SAS	SAS	SAS	SAS
#36-Yellow	SAS	SAS	SAS	SAS
#40-Orange	SAS	SAS	SAS	SAS
#44-Green	SAS	SAS	SAS	SAS
#48-Black	N/R	SAS	SAS	SAS
752				
#18-Beige*	SAS	SAS	SAS	SAS
#20-Gray*	SAS	SAS	SAS	SAS
#22-Red*	SAS	SAS	SAS	SAS
#24-Plum*	SAS	SAS	SAS	SAS
#26-Lt. Green*	SAS	SAS	SAS	SAS
#28-White	SAS	SAS	SAS	SAS
#32-Blue	SAS	SAS	SAS	SAS
#36-Yellow	SAS	SAS	SAS	SAS
#40-Orange	SAS	SAS	SAS	SAS
#44-Green	SAS	SAS	SAS	SAS
#48-Black	N/R	SAS	SAS	SAS
#50-Brown	N/R	SAS	SAS	SAS

* Requires Low-Flow Valve in VIH Case Assembly

900/950 Series

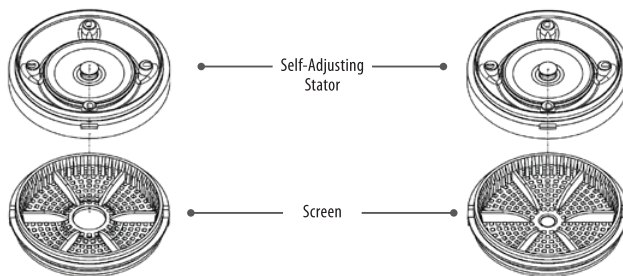
Nozzle	Pressure Settings psi (bar)				SAM
	60 (4.1)	70 (4.8)	80 (5.5)	100 (6.9)	
900					
#44-Blue	SPC	SPC	SPC	SPC	SPC
#48-Yellow	SPC	SPC	SPC	SPC	SPC
#52-Orange	SPC	SPO	SPO	SPO	SPO
#56-Green	N/R	SNP	SNP	SNP	SNP
#60-Black	N/R	SNP	SPR	SPR	SPR
#64-Red	N/R	SPR	SPR	SPR	SPR
950					
#18C-White	SPC	SPC	SPC	SPC	SPC
#20C-Gray	SPC	SPC	SPC	SPC	SPC
#22C-Blue	SPC	SPC	SPC	SPC	SPC
#24C-Yellow	SPC	SPC	SPO	SPO	SPO
#26-Orange	SPO	SPO	SPO	SPO	SPO
#28-Green	N/R	SNP	SPR	SPR	SPR
#30-Black	N/R	SNP	SPR	SPR	SPR
#32-Brown	N/R	SNP	SPR	SPR	SPR

Key:

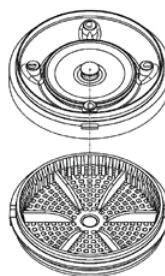
SAS = Self-Adjusting Stator
 SPC = Stator Poppet Closed
 SPO = Stator Poppet Open

SNP = Stator No Poppet
 SPR = Spacer
 N/R = Not a recommended pressure and nozzle combination

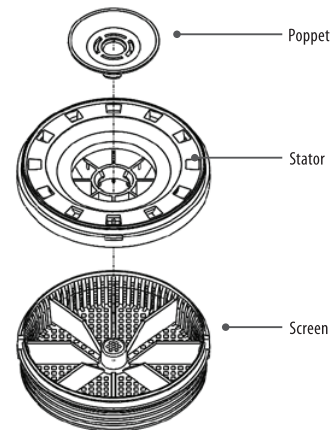
702/752 Electric, IC



552/702/752 Block Stator



900/950 Stator



Swing Joints

Featuring an improved design that extends the life of your swing joint, superior flow characteristics and excellent structural integrity, these swing joints are designed to deliver performance you expect from Rain Bird while saving you money.

SPECIFICATIONS

Diameter: 1" (2.5 cm), 1 ¼" (3.2 cm) and 1 ½" (3.8 cm)

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

Inlet Type: NPT, BSP, ACME and spigot

Outlet Thread Type: NPT, BSP or ACME

Enlarging NPT, BSP or ACME Outlets: Available on 1" (2.5 cm) and 1 ¼" (3.2 cm) swing joints for connections to many rotors with 1 ¼" (3.2 cm) and 1 ½" (3.8 cm) inlet sizes respectively (no additional adapters required)

Inlet Configurations: Standard side or top-mount connections to lateral lines

Outlet Configuration: Single-top or triple-top for added rotor positioning flexibility

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

Reducing ACME Inlet: Available on 1 ¼" (3.2 cm) diameter swing joints for connection to a 1 ½" (3.8 cm) ACME service tee

Superior Flow Characteristics. An innovative swept elbow design reduces pressure loss by up to 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.

ALSO AVAILABLE

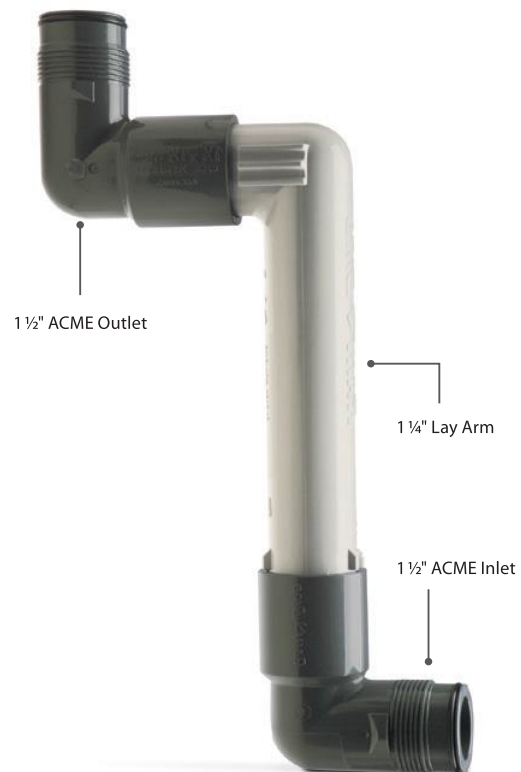
NPT and BSP ACME Adapters

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 ¼", and 1 ½" swing joints, the adapter adds only about 1 ⅜" to the installed height of the rotor, and is rated at the same operating pressures as Rain Bird Swing Joints.

Get more details at rainbird.com/SwingJoints.



GOLF ROTORS

HOW TO SPECIFY*

J - X	- X	- X - 00	- X	- X
LENGTH	CONFIG	CONFIG	INLET STYLE	OUTLET STYLE
Lay Pipe Arm	0 = Standard 1 = Triple Top	0 = Standard 1 = Top Mount	1 = NPT 2 = BSP 3 = ACME 4 = Spigot R = Reducing ACME Inlet ‡	1 = NPT 2 = BSP 3 = ACME 4 = Enlarging NPT † 6 = Enlarging ACME Inlet †
A = 1" 8"				
B = 1" 12"				
C = 1" 18"				
D = 1 ¼" 8"				
E = 1 ¼" 12"				
F = 1 ¼" 18"				
G = 1 ½" 8"				
H = 1 ½" 12"				
I = 1 ½" 18"				

*Not all configurations are available. † Enlarging outlet available only on 1" and 1 ¼" diameter models ‡ Reducing inlet available on 1 ¼" diameter models

Service Tools

Rain Bird offers a full line of quality tools for the service and maintenance of Rain Bird golf rotors. Constructed of heavy-duty metal alloys and durable plastic, these tools are lightweight and easy to use.



D02203 – Snap-Ring Pliers 900/950/1100/1150



Y05100 – Rotor Tool



B41720 – Selector Service Tool/Key



D02236 – Snap-Ring Pliers
551/552/700/702/751/752



D02237 – Installation Socket for
Top-Serviceable Rock Screen



D05205 – Universal Hose Adapter



B41730 – Valve Insertion Tool 900/950



D02215 – 7" Selector Valve Key



B41710 – Valve Insertion Tool
551/552/700/702/751/752



D02221 – 18" Selector Valve Key



Sod Cup Kit

Enhance the playability and appearance of your course with easy-to-install sod cups. Turf growth directly on top of the rotor eliminates the need to trim around heads while keeping it easily accessible for service.

