



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.

Consistent Uniform Application

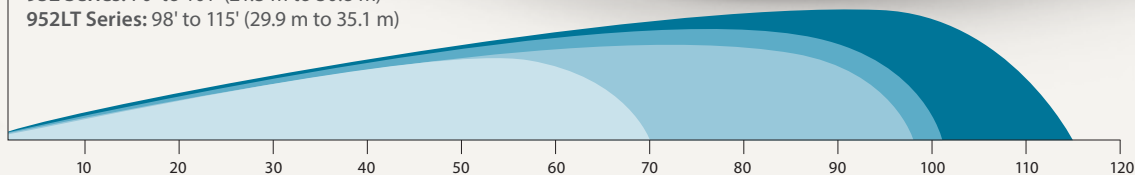
The self-adjusting stator automatically modifies flow to control rotation speed, optimizing performance and providing a consistent water application.



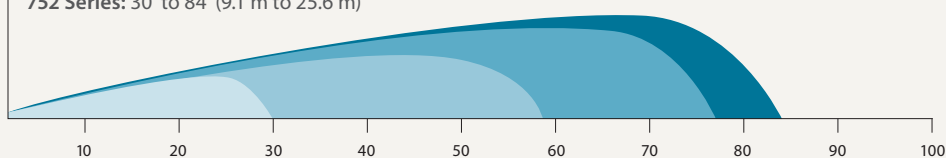
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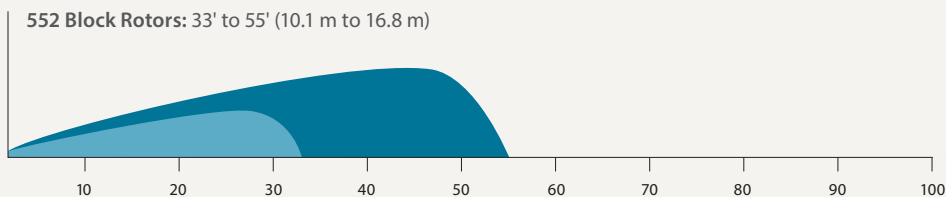
952 Series: 70' to 101' (21.3 m to 30.8 m)
952LT Series: 98' to 115' (29.9 m to 35.1 m)



702 Series: 59' to 77' (18.0 m to 23.5 m)
752 Series: 30' to 84' (9.1 m to 25.6 m)



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



952 Series Rotors

SPECIFICATIONS

Radius: 70' to 101' (21.3 m to 31.8 m)

Flow Rate: 19.7 to 54.5 gpm (1.24 to 3.44 l/s)
(4.43 to 12.38 m³/h)

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

Models:

E: Electric

IC: Integrated Control

SAM: Stopamatic

Maximum Inlet Pressure:

Models E and IC: 150 psi (10.3 bar)

Model SAM: 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: 13.4" (34.0 cm)

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

Top Diameter: 7.0" (17.8 cm)

Nozzle Trajectory:

Standard: 25°; **Low Angle:** 17°

Inlet Threads: 1.5" (38.0 mm)

ACME female threaded

Holdback:

SAM: 17' (5.2 m) elevation

Rotation Time: 180° in ≤ 100 seconds;
80 seconds nominally

Maximum Stream Height:

Standard: 22' (6.7 m)

Low Angle: 12' (3.7 m)

Solenoid: 24 VAC solenoid power requirement:

0.41 amp inrush current (9.8 VA);

60 Hz: 0.25 amp holding current (6.0 VA);

50 Hz: 0.32 amp holding current (7.7 VA)

Surge Resistance: 25kV standard

on electric models and 20kV on IC models

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

Special Features:

Self-Adjusting Stator; Rear Nozzle Plug;

Optional Sod Cup



U.S. Performance Data

FRONT NOZZLES															
	Base Pressure (psi)	#44 – Blue		#46 – Tan		#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)	Radius (ft)	Flow (gpm)
STANDARD	60	70	19.7	74	22.9	76	27.1	79	31.5	81	35.3	83	38.8	85	42
	70	71	21.3	74	25	78	29.7	81	34	84	38.2	86	42.1	89	47.1
	80	73	22.8	76	26.7	79	31.6	83	36.3	87	41	88	44.9	93	48.7
	90	73	23.8	78	28.5	82	33.3	85	38.4	90	42.8	91	47.6	98	51.7
	100	74	25	78	30.2	82	35.1	88	40.6	92	45.5	94	49.1	101	54.5
LOW-ANGLE	60	70	19.7	75	23.2	77	27.7	78	31.8	82	35.9	81	39.4	—	—
	70	73	21.1	79	25.2	80	30	81	34.2	82	38.7	86	42.6	—	—
	80	75	22.9	79	26.6	81	31.5	83	36.6	84	40.9	87	45.6	—	—
	90	77	24.1	80	28.7	84	33.5	87	38.7	90	43.4	92	48.1	—	—
	100	79	25.4	80	30.2	86	35.4	89	40.8	94	46	96	51	—	—

Metric Performance Data

FRONT NOZZLES																						
Base Pressure (bar)		#44 – Blue			#46 – Tan			#48 – Yellow			#52 – Orange			#56 – Green			#60 – Black			#64 – Red		
		Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)
STANDARD	4.1	21.3	4.5	1.24	22.5	5.2	1.45	23.2	6.2	1.71	24.1	7.2	1.99	24.7	8.0	2.23	25.3	8.8	2.45	25.9	9.5	2.65
	4.8	21.6	4.8	1.34	22.7	5.7	1.58	23.8	6.7	1.87	24.7	7.7	2.15	25.6	8.7	2.41	26.2	9.6	2.66	27.1	10.7	2.97
	5.5	22.3	5.2	1.44	23.1	6.1	1.68	24.1	7.2	1.99	25.3	8.2	2.29	26.5	9.3	2.59	26.8	10.2	2.83	28.3	11.1	3.07
	6.2	22.3	5.4	1.50	23.7	6.5	1.80	25.0	7.6	2.10	25.9	8.7	2.42	27.4	9.7	2.70	27.7	10.8	3.00	29.9	11.7	3.26
	6.9	22.6	5.7	1.58	23.7	6.9	1.91	25.0	8.0	2.21	26.8	9.2	2.56	28.0	10.3	2.87	28.7	11.2	3.10	30.8	12.4	3.44
LOW-ANGLE	4.1	21.3	4.5	1.24	22.9	5.3	1.47	23.5	6.3	1.75	23.8	7.2	2.01	25.0	8.2	2.26	24.7	8.9	2.49	—	—	—
	4.8	22.3	4.8	1.33	24.1	5.7	1.59	24.4	6.8	1.89	24.7	7.8	2.16	25.0	8.8	2.44	26.2	9.7	2.69	—	—	—
	5.5	22.9	5.2	1.44	23.9	6.0	1.68	24.7	7.2	1.99	25.3	8.3	2.31	25.6	9.3	2.58	26.5	10.4	2.88	—	—	—
	6.2	23.5	5.5	1.52	24.3	6.5	1.81	25.6	7.6	2.11	26.5	8.8	2.44	27.4	9.9	2.74	28.0	10.9	3.03	—	—	—
	6.9	24.1	5.8	1.60	24.5	6.9	1.91	26.2	8.0	2.23	27.1	9.3	2.57	28.7	10.4	2.90	29.3	11.6	3.22	—	—	—

HOW TO SPECIFY

A	-	952	-	X	-	XX	-	XX
THREAD TYPE		MODEL		BODY/ VALVE		PRESSURE REGULATOR		NOZZLE
ACME		952		E		70 (4.8)		44
				IC		80 (5.5)		48
				SAM				52
								56
								60
								64

Turn-of-a-Screw Adjustments

The same time-saving Rapid-Adjust Technology as the 752, now available on the 952.

(See page 16 for details)



REAR-SPREADER NOZZLES – U.S. PERFORMANCE DATA

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		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 (ft)	Rear (ft)			
MAIN NOZZLE #44 – BLUE							MAIN NOZZLE #46 – TAN						MAIN NOZZLE #48 – YELLOW						MAIN NOZZLE #52 – ORANGE					
Pressure (psi)	70			80			70			80			70			80			70			80		
Orange	23.9	69	35	25.4	71	35	28.4	71	33	29.2	73	33	32.1	75	33	34.1	77	33	36.5	80	33	39.0	83	32
Green	27.7	69	52	29.6	70	51	31.0	73	51	32.8	73	49	35.7	75	50	37.8	77	50	39.9	79	50	42.3	81	50
Blue	26.5	69	41	28.2	70	41	30.5	71	45	33.6	73	43	34.4	76	40	37.0	77	39	39.6	81	39	41.9	83	39
Black	28.6	68	43	28.9	71	43	30.9	71	43	32.1	73	45	35.1	75	41	37.5	77	41	39.7	79	40	43.9	80	40
Red	25.9	68	52	27.4	69	51	29.9	71	33	31.6	73	31	34.2	74	51	36.4	77	52	38.4	79	50	40.8	80	51
Blue + Diffuser	24.4	70	35	26.0	70	34	28.2	73	35	29.9	75	35	32.5	75	35	34.7	77	34	37.1	81	35	39.1	83	33
Black + Diffuser	24.2	69	35	25.9	71	33	28.2	73	35	30.0	71	35	33.3	76	34	34.7	78	34	36.9	79	33	39.5	81	33
MAIN NOZZLE #56 – GREEN							MAIN NOZZLE #60 – BLACK						MAIN NOZZLE #64 – RED											
Pressure (psi)	70			80			70			80			70			80								
Orange	40.6	83	33	43.8	86	33	44.3	85	32	47.4	87	31	48.2	89	33	51.4	92	33						
Green	44.0	80	50	46.8	84	50	47.9	83	49	50.7	85	49	51.8	85	49	53.3	89	50						
Blue	43.7	83	39	46.1	85	39	47.1	85	39	50.3	87	38	50.7	88	39	54.0	92	37						
Black	43.5	81	40	46.5	85	39	47.4	85	39	50.6	87	39	49.9	85	40.7	55	91	39						
Red	42.4	82	50	45.4	84	50	46.1	83	51	49.9	86	50	50.0	87	50	53.1	89	51						
Blue + Diffuser	41.3	82	34	44.2	85	33	45.3	83	33	48.2	85	33	48.5	86	33	52.7	90	35						
Black + Diffuser	41.5	83	34	44.6	86	33	45.3	84	32	48.3	87	32	48.6	87	31	51.7	87	31						

REAR-SPREADER NOZZLES – METRIC PERFORMANCE DATA

Spreader Nozzle Color	Flow		Nozzle Range		Flow		Nozzle Range		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)	m³/h	l/s	Main (m)	Rear (m)	m³/h	l/s	Main (m)	Rear (m)							
MAIN NOZZLE #44 – BLUE									MAIN NOZZLE #46 – TAN									MAIN NOZZLE #48 – YELLOW									MAIN NOZZLE #52 – ORANGE								
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5				4.8				5.5						
Orange	5.4	1.51	21.1	10.6	5.8	1.60	21.7	10.8	6.3	1.79	21.6	10.1	6.6	1.84	22.3	10.1	7.3	2.02	23.0	10.2	7.7	2.15	23.6	10.2	8.3	2.30	24.4	10.0	8.9	2.46	25.4	9.8			
Green	6.3	1.75	20.9	15.8	6.7	1.87	21.3	15.6	6.9	1.96	22.3	15.5	7.4	2.07	22.3	14.9	8.1	2.25	23.0	15.2	8.6	2.39	23.4	15.2	9.1	2.52	24.2	15.2	9.6	2.67	24.8	15.2			
Blue	6.0	1.67	21.1	12.6	6.4	1.78	21.3	12.6	6.8	1.92	21.6	13.7	7.6	2.12	22.3	13.1	7.8	2.17	23.2	12.2	8.4	2.34	23.6	12.0	9.0	2.50	24.6	12.0	9.5	2.64	25.2	11.8			
Black	6.5	1.81	20.7	13.0	6.6	1.82	21.5	13.2	6.9	1.95	21.6	13.1	7.3	2.03	22.3	13.7	8.0	2.22	23.0	12.4	8.5	2.37	23.6	12.4	9.0	2.51	24.0	12.2	10.0	2.77	24.4	12.2			
Red	5.9	1.63	20.7	15.8	6.2	1.73	20.9	15.6	6.7	1.89	21.6	10.1	7.2	1.99	22.3	9.4	7.8	2.15	22.6	15.6	8.3	2.30	23.4	15.8	8.7	2.42	24.0	15.2	9.3	2.57	24.4	15.4			
Blue + Diffuser	5.5	1.54	21.3	10.8	5.9	1.64	21.3	10.4	6.3	1.78	22.3	10.7	6.8	1.89	22.9	10.7	7.4	2.05	23.0	10.6	7.9	2.19	23.6	10.4	8.4	2.34	24.6	10.6	8.9	2.47	25.2	10.2			
Black + Diffuser	5.5	1.52	21.1	10.6	5.9	1.64	21.7	10.2	6.3	1.78	22.3	10.7	6.8	1.89	21.6	10.7	7.6	2.10	23.2	10.4	7.9	2.19	23.8	10.4	8.4	2.33	24.0	10.0	9.0	2.49	24.8	10.0			
MAIN NOZZLE #56 – GREEN									MAIN NOZZLE #60 – BLACK									MAIN NOZZLE #64 – RED																	
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5														
Orange	9.2	2.56	25.4	10.2	9.9	2.76	26.2	10.2	10.1	2.80	25.8	9.8	10.8	2.99	26.6	9.6	10.9	3.04	27.0	10.0	11.7	3.24	28.0	10.2											
Green	10.0	2.77	24.4	15.2	10.6	2.95	25.6	15.2	10.9	3.02	25.2	14.8	11.5	3.20	26.0	15.0	11.8	3.26	26.0	15.0	12.1	3.36	27.2	15.2											
Blue	9.9	2.75	25.4	12.0	10.5	2.91	26.0	11.8	10.7	2.97	25.8	11.8	11.4	3.18	26.6	11.6	11.5	3.20	26.8	11.8	12.3	3.40	28.0	11.4											
Black	9.9	2.74	24.8	12.2	10.6	2.93	25.8	12.0	10.8	2.99	25.8	11.8	11.5	3.19	26.4	12.0	11.3	3.15	26.0	12.4	12.4	3.44	27.6	11.8											
Red	9.6	2.68	25.0	15.2	10.3	2.86	25.6	15.2	10.5	2.91	25.4	15.4	11.3	3.15	26.2	15.2	11.4	3.15	26.4	15.2	12.1	3.35	27.0	15.4											
Blue + Diffuser	9.4	2.60	25.0	10.4	10.0	2.79	25.8	10.2	10.3	2.85	25.3	10.1	10.9	3.04	25.9	10.1	11.0	3.06	26.2	10.2	12.0	3.32	27.4	10.6											
Black + Diffuser	9.4	2.62	25.2	10.4	10.1	2.81	26.2	10.2	10.3	2.86	25.6	9.8	11.0	3.05	26.6	9.8	11.0	3.07	26.6	9.6	11.7	3.26	26.6	9.6											

952LT Block Rotors



SPECIFICATIONS

Radius: 98' - 115' (29.9m - 35.1m)

Flow Rate: 58 to 68 gpm (3.66 to 4.29 l/s)
(13.2 to 15.4 m3/h)

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

Models:

B: Block

Maximum Inlet Pressure:

Model B: 110 psi (7.6 bars)

Dimensions:

Body Height: 12.6" (32.0 cm)

Pop-up height to mid-nozzle: 3.6" (9.1 cm)

Top Diameter: 5.25" (13.3 cm)

Nozzle Trajectory:

Standard: 25°; **Low Angle:** 17°

Inlet Threads:

1.5" (3.8cm)

Holdback:

8' (2.4m)

Rotation Time: 180° in ≤ 110 seconds; 90 seconds nominally

Maximum Stream Height:

Standard: 30' (9.1m)

Low Angle: 23' (7.0m)

Optional Accessories:

Sod Cup Kit

Green or Purple Rubber Cover replacement for standard black

Low Angle Nozzle Housing

Rain Bird Golf's Longest Throwing Rotor

- Engineered for Endurance Under High Pressure
- Unmatched Radius of Throw for Large Greens & Challenging Spacing
- Purpose-Built Block Rotor for Lasting Durability



RAPID-ADJUST TECHNOLOGY

Make easy arc adjustments with the turn of a screw. MemoryArc® feature 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	-	952	-	LT	-	XX
THREAD TYPE		MODEL		BODY		NOZZLE
ACME		952		Long Throw		SA (standard angle)
						LA (low angle)

U.S. Performance Data

FRONT NOZZLES			
	Base Pressure (psi)	#LT - Maroon Radius (ft)	Flow (gpm)
STANDARD	80	98	58
	90	108	61
	100	112	65
	110	115	68
LOW-ANGLE	80	98	58
	90	108	61
	100	112	65
	110	115	68

Metric Performance Data

FRONT NOZZLES				
	Base Pressure (bar)	#LT - Maroon Radius (m)	Flow (m ³ /h)	Flow (l/s)
STANDARD	4.1	29.9	13.2	3.66
	4.8	32.9	13.9	3.85
	5.5	34.1	14.8	4.1
	6.9	35.1	15.4	4.29
LOW-ANGLE	4.1	29.9	13.2	3.66
	4.8	32.9	13.9	3.85
	5.5	34.1	14.8	4.1
	6.9	35.1	15.4	4.29



752 Series Rotors

SPECIFICATIONS

Radius: 30' to 84' (9.1 m to 25.6 m)

Flow Rate: 6.8 to 47.0 gpm (0.43 to 2.97 l/s)
(1.54 to 10.68 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). For low-flow valve operation refer to chart in appendix on page 107

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 and 20kV on IC models

Top-Serviceable Rock Screen™ and

Replaceable Valve Seat: On models
E, IC

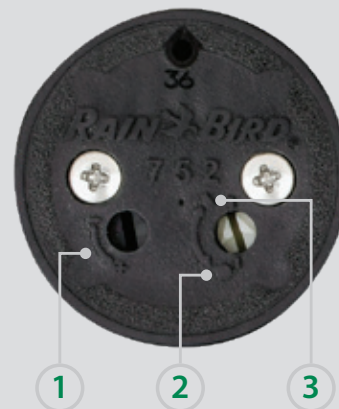
Special Features:

Self-Adjusting Stator

Optional Sod Cup

Meet Challenging Field Conditions

The Rain Bird® 752 Series Rotor gives the user the capability to optimize rotors to meet challenging field conditions such as elevation differences and obstacles.



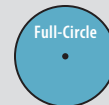
Turn-of-a-Screw Adjustments

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.



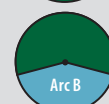
Step 2

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



COMPATIBLE WITH
Rain Bird®
Sod Cup Kit
(See page 25)

U.S. Performance Data

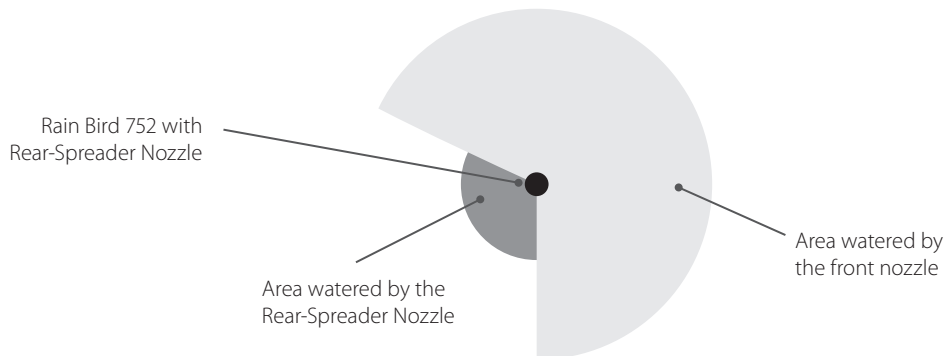
DUAL-SPREADER™ NOZZLES WITH STANDARD AND LOW ANGLE (LA) HOUSINGS																		
Base Pressure (psi)	50			60			70			80			90			100		
	Radius (ft)	Flow LA (ft)	Flow (gpm)	Radius (ft)	Flow LA (ft)	Flow (gpm)	Radius (ft)	Flow LA (ft)	Flow (gpm)	Radius (ft)	Flow LA (ft)	Flow (gpm)	Radius (ft)	Flow LA (ft)	Flow (gpm)	Radius (ft)	Flow LA (ft)	Flow (gpm)
REQUIRES LOW-FLOW VALVE																		
#18 - Beige	—	—	—	—	—	—	30	—	6.8	31	—	7.2	32	—	7.5	34	—	7.8
#20 - Gray	—	—	—	—	—	—	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
REQUIRES STANDARD VALVE																		
#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	—	31.5	76	—	34.0	76	—	35.8	75	—	38.5
#50 – Dk. Brown	—	—	—	—	—	—	79	—	39.4	81	—	41.9	82	—	44.7	84	—	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 (m³/h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	LA (m)	Flow (m³/h)	Flow (l/s)
REQUIRES LOW-FLOW VALVE																								
#18 - Beige	—	—	—	—	—	—	—	—	9.1	—	1.54	0.43	9.5	—	1.63	0.45	9.8	—	1.70	0.47	10.4	—	1.77	0.49
#20 - Gray	—	—	—	—	—	—	—	—	11.3	10.4	1.92	0.53	11.6	10.7	2.06	0.57	11.9	11.0	2.15	0.60	12.2	11.3	2.27	0.63
#22 - Red	12.5	11.6	2.00	0.56	13.1	12.2	2.19	0.61	13.4	12.5	2.32	0.64	13.4	12.8	2.45	0.68	13.4	12.8	2.60	0.72	13.4	13.1	2.73	0.76
#24 - Plum	14.0	12.8	1.89	0.53	14.3	13.1	2.02	0.56	14.3	13.4	2.18	0.61	14.6	13.4	2.31	0.64	14.6	13.7	2.45	0.68	14.6	14.0	2.59	0.72
#26 - Lt. Green	15.2	14.0	2.16	0.60	15.2	13.7	2.30	0.64	15.5	14.3	2.48	0.69	15.5	14.9	2.64	0.73	15.9	14.9	2.80	0.78	16.2	15.2	2.90	0.80
REQUIRES STANDARD VALVE																								
#28 - White	16.5	15.5	3.38	0.94	17.1	16.5	3.71	1.03	17.7	17.1	3.99	1.11	17.7	17.4	4.27	1.19	17.4	17.7	4.58	1.27	18.0	17.4	4.86	1.35
#32 - Blue	18.9	16.5	3.88	1.08	18.9	17.1	4.32	1.20	19.2	18.0	4.62	1.28	19.2	18.6	4.94	1.37	20.4	18.6	5.20	1.44	20.4	18.6	5.44	1.51
#36 - Yellow	19.5	18.0	4.44	1.23	19.8	18.9	4.84	1.35	20.1	19.5	5.27	1.47	20.7	19.8	5.61	1.56	20.7	20.1	5.96	1.65	21.0	20.7	6.18	1.72
#40 - Orange	19.2	19.2	5.06	1.40	19.8	19.5	5.44	1.51	20.4	20.1	5.98	1.66	20.7	20.4	6.34	1.76	21.0	20.7	6.75	1.87	21.0	20.7	7.06	1.96
#44 - Green	—	—	—	—	20.4	20.1	6.12	1.70	21.0	20.7	6.49	1.80	21.6	21.3	6.95	1.93	21.6	21.6	7.38	2.05	22.3	21.6	7.73	2.15
#48 - Black	—	—	—	—	—	—	—	—	23.2	—	7.15	1.99	23.2	—	7.71	2.14	23.2	—	8.13	2.26	22.9	—	8.74	2.43
#50 - Dk. Brown	—	—	—	—	—	—	—	—	24.1	—	8.94	2.48	24.7	—	9.52	2.64	25.0	—	10.16	2.82	25.6	—	10.68	2.97

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 NOZZLE #18 – BEIGE							MAIN NOZZLE #20 – GRAY						MAIN NOZZLE #22 – RED					
Pressure (psi)	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		
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		
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	28.2	68	32	28.5	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		
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



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		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)	(m³/h)	(l/s)	Main (m)	Rear (m)								
MAIN NOZZLE #18 – BEIGE									MAIN NOZZLE #20 – GRAY									MAIN NOZZLE #22 – RED														
Pressure (bar)	4.8				5.5				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									MAIN NOZZLE #26 – LT. GREEN									MAIN NOZZLE #28 – WHITE														
Pressure (bar)	4.8				5.5				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									MAIN NOZZLE #36 – YELLOW									MAIN NOZZLE #40 – ORANGE														
Pressure (bar)	4.8				5.5				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								
Black + Diffuser	5.2	1.44	18.6	9.4	5.5	1.54	18.6	9.4	5.9	1.63	19.5	9.4	6.2	1.73	20.1	9.4	6.5	1.79	20.4	9.1	7.0	1.94	20.7	9.1								
MAIN NOZZLE #44 – GREEN									MAIN NOZZLE #48 – BLACK									MAIN NOZZLE #50 – DK. BROWN														
Pressure (bar)	4.8				5.5				4.8				5.5				4.8				5.5				4.8				5.5			
Orange	7.0	1.93	20.7	9.8	7.4	2.06	21.3	9.1	7.6	2.11	21.3	9.1	8.2	2.26	21.3	9.1	9.3	2.59	22.6	9.1	9.9	2.76	23.2	9.1								
Green	7.6	2.12	20.7	14.0	8.2	2.28	21.3	14.0	8.2	2.28	20.1	14.0	8.8	2.44	21.3	14.0	9.9	2.75	21.9	12.8	10.5	2.91	22.6	12.8								
Blue	7.9	2.19	20.7	11.6	8.3	2.31	21.3	11.6	8.4	2.33	20.1	10.4	9.1	2.52	20.7	11.0	9.9	2.74	21.9	11.0	10.6	2.93	22.6	11.0								
Black	7.6	2.10	20.7	11.6	7.9	2.20	21.3	11.6	8.2	2.26	20.7	11.6	8.7	2.40	21.3	11.6	9.7	2.69	21.9	10.4	10.4	2.89	22.6	10.4								
Red	7.4	2.05	20.7	14.6	7.8	2.18	21.3	14.6	7.9	2.20	21.3	14.0	8.5	2.37	21.9	14.0	9.6	2.67	21.9	13.4	10.2	2.83	22.6	13.4								
Blue + Diffuser	7.1	1.98	21.3	9.8	7.7	2.13	21.9	9.8	7.9	2.18	21.3	10.4	8.2	2.27	21.9	10.4	9.4	2.62	22.6	9.8	10.0	2.79	23.2	9.8								
Black + Diffuser	7.2	1.99	21.0	9.1	7.6	2.10	21.6	9.1	7.8	2.16	21.6	9.1	8.3	2.32	21.6	9.1	9.4	2.60	22.3	8.8	9.9	2.76	22.9	8.8								

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 and 20kV on IC models.

Top-Serviceable Rock Screen™ and Replaceable Valve Seat:

On Models E, IC

Special Features:

Self-Adjusting Stator

Optional Sod Cup



COMPATIBLE WITH
Rain Bird® Sod Cup Kit
(See page 25)

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 (m³/h) (l/s)	Radius (m)	Flow (m³/h) (l/s)	Radius (m)	Flow (m³/h) (l/s)	Radius (m)	Flow (m³/h) (l/s)	Radius (m)	Flow (m³/h) (l/s)	Radius (m)	Flow (m³/h) (l/s)
#28 - White	18.0	3.83 1.06	18.3	4.26 1.18	18.9	4.61 1.28	18.9	4.88 1.36	19.2	5.14 1.43	19.8	5.50 1.53
#32 - Blue	18.9	4.67 1.30	19.2	5.01 1.39	19.8	5.29 1.47	20.4	5.67 1.57	21.0	6.20 1.72	21.0	6.51 1.81
#36 - Yellow	20.1	4.76 1.32	20.1	5.44 1.51	20.7	6.00 1.67	21.3	6.42 1.78	21.3	6.54 1.83	21.6	7.09 1.97
#40 - Orange	19.5	5.43 1.51	20.7	5.97 1.66	21.6	6.52 1.81	22.0	6.95 1.93	22.3	7.29 2.03	22.6	7.60 2.11
#44 - Green	—	—	21.0	6.59 1.83	22.3	7.23 2.01	22.9	7.71 2.14	22.9	8.09 2.25	22.9	8.44 2.34
#48 - Black	—	—	—	—	22.0	8.04 2.23	22.6	8.51 2.36	22.9	9.29 2.58	23.5	9.73 2.70



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

The same time-saving Rapid-Adjust Technology as the 752, now available on the 552.

(See page 16 for details)



U.S. Performance Data

CASCADE NOZZLES

	50		60		70		80		90		100	
Base Pressure (psi)	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

	3.4			4.1			4.8			5.5			6.2			6.9		
Base Pressure (bar)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)	Radius (m)	Flow (m³/h)	Flow (l/s)
#51-Blue	10.1	1.54	0.43	10.4	1.68	0.47	10.7	1.82	0.50	11.0	1.93	0.54	11.3	2.00	0.56	11.3	2.11	0.59
#52-Beige	11.3	1.52	0.42	11.9	1.64	0.46	11.3	1.83	0.51	11.3	1.87	0.52	11.9	1.99	0.55	11.9	2.11	0.59
#53-Gray	15.5	2.12	0.59	15.5	2.29	0.64	15.5	2.49	0.69	15.5	2.65	0.73	15.5	2.83	0.79	15.5	2.99	0.83
#54-Red	—	—	—	—	—	—	16.2	2.72	0.75	16.5	2.82	0.78	16.8	3.01	0.84	16.8	3.18	0.88



Features	952	752	702	552
Radius	70' to 101' (21.3 m to 31.8 m)	30' to 84' (9.1 m to 25.6 m)	59' to 77' (18.0 m to 23.5 m)	33' to 55' (10.1 m to 16.8 m)
Flow Rate	19.7 to 54.5 gpm (1.24 to 3.44 l/s) (4.43 to 12.38 m³/h)	6.8 to 47.0 gpm (0.43 to 2.97 l/s) (1.54 to 10.68 m³/h)	16.85 to 42.85 gpm (1.06 to 2.70 l/s) (3.83 to 9.73 m³/h)	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°	Full-circle 360° Adjustable 30° to 345°	Full-circle 360°	Full-circle 360° Adjustable 30° to 345°
Models	Full- and Part-Circle 952E: Electric 952IC: Integrated Control 952SAM: Stopamatic	Full- and Part-Circle 752E: Electric 752IC: Integrated Control 752B: Seal-A-Matic	Full-Circle 702E: Electric 702IC: Integrated Control 702B: Seal-A-Matic	Full- and Part-Circle 552B: Seal-A-Matic™
Maximum Inlet Pressure	Models E and IC: 150 psi (10.3 bar) Model SAM: 100 psi (6.9 bar)	Models E and IC: 150 psi (10.3 bar) Model B: 100 psi (6.9 bar)		100 psi (6.9 bar)
Pressure Regulation Range	Models E and IC: 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	13.4" (34.0 cm)	Models E, IC: 12.0" (30.5 cm) Model B: 9.6" (24.5 cm)		9.6" (24.5 cm)
Pop-Up Height	2.6" (6.6 cm)	2.6" (6.6 cm)		2.6" (6.6 cm)
Top Diameter	7.00" (17.8 cm)	Models E, IC: 6.25" (15.9 cm) Model B: 4.25" (10.8 cm)		4.25" (10.8 cm)
Nozzle Trajectory	Standard: 25° Low Angle: 17°	Standard: 25° Wind Tolerant: 12° Low Angle: 15°	Standard: 25° Wind Tolerant: 12°	51 Nozzle: 12° 52, 53, 54 Nozzles: 25°
Inlet Threads	1.5" (38 mm) (15/21) ACME female threaded	Models E, IC: 1.25" (32 mm) ACME female threaded Model B: 1" (25 mm) ACME female threaded		1" (25 mm) ACME female threaded
Holdback	SAM: 17' (5.2 m) elevation	Block: 17' (5.2 m) elevation		17' (5.2 m) elevation
Rotation Time	180° in ≤ 100 seconds; 80 seconds nominally	180° in ≤ 90 seconds; 80 seconds nominally	360° in ≤ 180 seconds; 160 seconds nominally	180° in ≤ 90 seconds; 80 seconds nominally
Maximum Stream Height	Standard: 22' (6.7 m) Low Angle: 12' (3.7 m)	Standard: 17' (5.2 m) Wind Tolerant: 10' (3.1 m) Low Angle: 12' (3.7 m)	Standard: 17' (5.2 m) Wind Tolerant: 10' (3.1 m)	51 Nozzle: 5' (1.5 m) 52, 53, 54 Nozzles: 13' (4.0 m)
Solenoid	24 VAC solenoid power requirement, 20kV on IC models	24 VAC solenoid power requirement, 20kV on IC models		—
Surge Resistance	25kV standard on electric models	Up to 25kV standard on electric models		—
Top-Serviceable Rock Screen™ and Replaceable Valve Seat	E, IC, SAM	E, IC		—

Swing Joints

Featuring a swept elbow 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, AquaFuse® AquaSaddle, 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.

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 ¾" 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.

AquaFuse® AquaSaddle Inlet

Directly connect Rain Bird Swing Joints to AquaFuse AquaSaddle without the need for a separate adapter.



Swing joints featuring Aquasaddle Inlets are offered in various configurations, including lay arm lengths of 8", 12", and 18". Additionally, these swing joints are available in diameters of 1", 1.25", and 1.5".

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 900/950/952



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 900/950/952



D02215 – 7" Selector Valve Key



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



D02221 – 18" Selector Valve Key

Sod Cup Kits

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.



952LT Sod Cup Kit



702/752 Sod Cup Kit