

### Rain Bird® 552 Block

#### Full / Part Circle Golf 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 m<sup>3</sup>/h)

##### Arc:

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

##### Model:

- B: Block with Seal-A-Matic™ device

##### Maximum Inlet Pressure:

- 100 psi (6.9 bars)

##### 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" (25mm) ACME female thread

##### Holdback:

- 17' (5.2m) 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



#### 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.



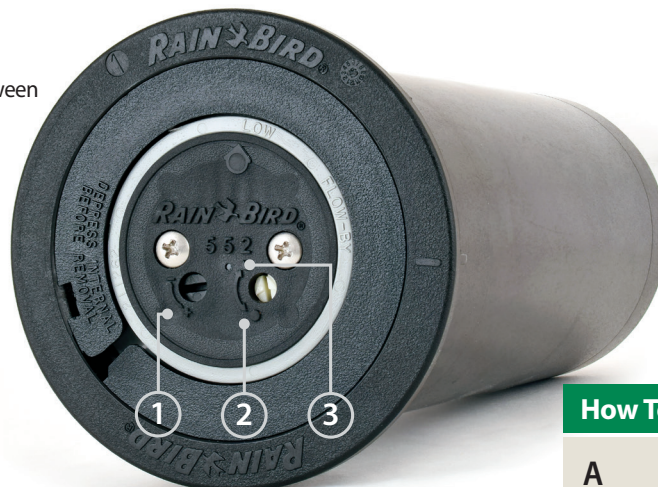
**Step 1:** Set primary rotor arc.



**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

<b>A</b>	<b>552</b>	<b>B</b>	<b>XX</b>
Thread Type ACME	Model 552	Body/Valve B	Nozzle 51, 52, 53, 54

*Descriptive text for understanding only!*  
Model number would look like A552B51 when a customer orders the #51 nozzle version

(continued)



## 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	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

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The Intelligent Use of Water™

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