

Rain Bird® 952 Series

Full / Part Circle Golf Rotors

Specifications

Radius:

- 70' - 101' (21.3m - 31.8m)

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: Stopmatic

Maximum Inlet Pressure:

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

Pressure Regulation Range:

- Models E, IC: 60 to 100 psi (4.1 to 6.9 bars)

Factory Pressure Settings:

- Models E and 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: 2.6" (6.6 cm)
- Top Diameter: 7.0" (17.8 cm)

Nozzle Trajectory:

- Standard: 25°
- Low Angle: 17°

Inlet Threads:

- Models E, IC, SAM: 1.5 (3.8mm) ACME female thread

Holdback:

- SAM: 17' (5.2m) elevation

Rotation Time:

- 180° in ≤ 100 seconds; 80 seconds nominally

Maximum Stream Height:

- Standard: 22' (6.7m)
- Low Angle: 12' (3.7m)

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

Top-Serviceable Rock Screen™ and Replaceable Valve Seat:

- All 952 models

Special Features:

- Self-Adjusting Stator
- Standard 952 ships with rear nozzle plug



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	XX	XX	XX
Thread Type ACME	Model 952	Body/ Valve E IC SAM	Pressure Regulator 70 (4.8) 80 (5.5)	Nozzle 44, 48, 52, 56, 60, 64

Descriptive text for understanding only!

Model number would look like A952IC8052 when a customer orders the IC version with a #52 nozzle at a case pressure of 80 PSI

(continued)



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	25.0		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	74	21.1	77	25.2		80	30		83	34.2		87	38.7		86	42.6		—	—	
	80	76	22.9	78	26.6		82	31.5		86	36.6		89	40.9		89	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	22.6	4.8	1.33	23.5	5.7	1.59		24.4	6.8	1.89		25.3	7.8	2.16		26.5	8.8	2.44		26.2	9.7	2.69		—	—	—	
	5.5	23.2	5.2	1.44	23.9	6.0	1.68		25.0	7.2	1.99		26.2	8.3	2.31		27.1	9.3	2.58		27.1	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		—	—	—	

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