

## 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:** Stopamatic

**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 Hz:** 0.20 amp holding current (4.8 VA);  
**50 Hz:** 0.23 amp holding current (5.4 VA)

**Surge Resistance:** Up to 25kV standard on  
electric models

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

### FEATURES AND BENEFITS

With up to a 92' (28.0 m) throw range, the 950 Series Rotors deliver the longest throw radius coverage in a part-circle rotor. The 950 high-performance nozzles allow you to reach longer distances with increased droplet size for maximum efficiency and coverage.

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)	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	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
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
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
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
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
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