



Specifications

Models:

Full-Circle:

- EAGLE 900E:** Electric
- EAGLE 900H:** Hydraulic (N.O.)*
- EAGLE 900S:** Stopmatic (SAM)

Part-Circle:

- EAGLE 950E:** Electric
- EAGLE 950H:** Hydraulic (N.O.)*
- EAGLE 950S:** Stopmatic (SAM)

Arc:

- EAGLE 900:** Full-circle, 360°
- EAGLE 950:** Part-circle, 40° to 345°

Rotation Time:

- EAGLE 900:** 360° in ≤ 240 seconds
- EAGLE 950:** 180° in ≤ 120 seconds

Operating Pressure:

60 to 100 psi (4,1 to 6,9 bars)

Factory Pressure Settings:

900E/950E available in 60, 70, 80 and 100 psi (4,1; 4,8; 5,5 and 6,9 bars)

Inlet Threads: 1.5" (3,8 cm) (15/21)

NPT, BSP or ACME female threaded

Holdback: 900S/950S 15' (4,6 m) elevation

Nozzle Trajectory: 25°

Maximum Stream Height: 17' (5,2 m)

Dimensions:

- Body Height:** 13.4" (34,0 cm)
- Top Diameter:** 8.25" (21,0 cm)
- Pop-Up Height to Nozzle:** 3.25" (8,3 cm)

Solenoid:

24 VAC 50/60 cycle solenoid power requirement—41 amp in rush current (9.9 VA), .23 amp holding current (5.5 VA)

Top-Serviceable Rock Screen™

and Replaceable Valve Seat:

All 900 models.

*N.O.—Normally open

EAGLE™ 900 Performance Data – U.S.

NOZZLES

Base	#18 WHITE		#20 GRAY		#22 BLUE		#24 YELLOW		#26 ORANGE		#28 GREEN		#30 BLACK		#32 BROWN	
Pressure	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow
(psi)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)
60	70	20.1	70	23.5	72	28.9	76	31.6	78	35.5	—	—	—	—	—	—
70	72	22.0	72	25.5	74	31.2	78	33.7	84	38.5	87	39.9	90	46.2	87	48.0
80	74	24.1	74	27.3	76	33.0	80	36.2	86	41.0	89	42.6	92	49.3	89	51.1
90	75	25.7	76	29.2	78	35.4	84	38.5	90	43.7	91	45.1	96	52.2	93	53.8
100	76	26.9	77	30.8	78	37.3	84	40.4	94	46.0	95	47.9	98	54.5	95	57.4

Data reflect no pressure regulation.

EAGLE™ 950 Performance Data – U.S.

NOZZLES

Base	#18 WHITE-C		#20 GRAY-C		#22 BLUE-C		#24 YELLOW-C		#26 ORANGE		#28 GREEN		#30 BLACK		#32 BROWN	
Pressure	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow	Radius	Flow
(psi)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)	(ft)	(gpm)
60	70	19.5	72	23.0	74	26.5	76	30.8	78	36	—	—	—	—	—	—
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

Data reflect no pressure regulation.

All data are generated from tests conducted in accordance with ASAE Standard S398.1 for at least 30 minutes in zero-wind conditions.

EAGLE™ 900 Performance Data – Metric

NOZZLES

Base Pressure (bars)	#18 WHITE			#20 GRAY			#22 BLUE			#24 YELLOW			#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)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	
4,1	21,3	1,27	4,57	21,3	1,48	5,34	21,9	1,82	6,56	23,2	1,99	7,18	23,8	2,24	8,06	—	—	—	—	—	—	—	—	—	—
4,5	21,7	1,33	4,79	21,7	1,55	5,58	22,3	1,90	6,84	23,5	2,06	7,43	24,7	2,34	8,42	26,2	2,44	8,78	27,0	2,83	10,17	26,1	2,94	10,59	
5,0	22,1	1,42	5,12	22,1	1,64	5,89	22,7	1,99	7,19	23,9	2,17	7,80	25,8	2,47	8,89	26,7	2,56	9,22	27,6	2,96	10,67	26,7	3,08	11,08	
5,5	22,5	1,52	5,46	22,5	1,72	6,19	23,2	2,08	7,49	24,4	2,28	8,21	26,2	2,58	9,30	27,1	2,68	9,66	28,0	3,11	11,18	27,1	3,22	11,59	
6,0	22,8	1,59	5,73	23,0	1,81	6,50	23,6	2,19	7,88	25,2	2,39	8,59	27,1	2,71	9,74	27,6	2,80	10,07	28,9	3,24	11,66	28,0	3,34	12,04	
6,5	23,0	1,65	5,95	23,3	1,89	6,79	23,8	2,28	8,22	25,6	2,48	8,93	28,0	2,82	10,15	28,3	2,92	10,52	29,5	3,36	12,08	28,6	3,49	12,57	
6,9	23,2	1,70	6,11	23,5	1,94	7,00	23,8	2,35	8,47	25,6	2,55	9,18	28,7	2,90	10,45	29,0	3,02	10,88	29,9	3,44	12,38	29,0	3,62	13,04	

Data reflect no pressure regulation.

EAGLE™ 950 Performance Data – Metric

NOZZLES

Base Pressure (bars)	#18 WHITE			#20 GRAY			#22 BLUE			#24 YELLOW			#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)	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	6,02	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	10,44	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

Data reflect no pressure regulation.