

## EAGLE™ 900 Series



### Specifications

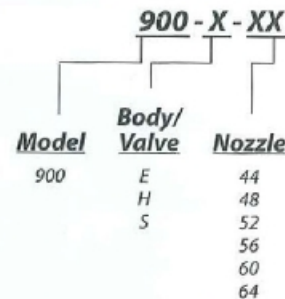
- Radius:** 19,2-29,6 m
- Flow Rate:** 1,35 to 3,60 l/s ; 4,85 to 12,97 m<sup>3</sup>/h
- Arc:** Full-circle, 360°
- Models:** Full-circle:
  - EAGLE 900E: Electric
  - EAGLE 900H: Hydraulic (N.O.)\*
  - EAGLE 900S: Stopmatic™ (SAM)
- Maximum Inlet Pressure:**
  - Models 900E: 10,3 bars
  - Models 900S, 900H: 6,9 bars
- Pressure Regulation Range:** 4,1 to 6,9 bars
- Factory Pressure Settings:** 5,6 bars
- Body Height:** 34,0 cm
- Pop-Up Height to Nozzle:** 8,3 cm
- Top Diameter:** 17,8 cm
- Nozzle Trajectory:** 25°
- Standard nozzle:** # 60 black
- Inlet Threads:** 1,5" (15/21) BSP female threaded
- Holdback:** 4,6 m elevation
- Rotation Time:** 360° in 240 seconds; 210 seconds nominally
- Maximum Stream Height:** 6,1 m
- Solenoid:**
  - 24 VAC 50 cycle solenoid power requirement:
  - 0,41 amp inrush current (9,9 VA)
  - 0,30 amp holding current (7,2 VA)

**Top-Serviceable Rock Screen™ and Replaceable Valve Seat:**  
All 900 models

*All data are generated from tests conducted in accordance with ASAE Standard S308.1 for at least 30 minutes in zero-wind conditions. Rain Bird recommends the use of SPACE for Windows, equivalent program or derived performance data to optimize nozzle selection.*

\*N.O.—Normally open

### How to Specify/Order:



EAGLE™ 900 Performance Data - Metric

HIGH PERFORMANCE NOZZLES																		
	#44 BLUE			#48 YELLOW			#52 ORANGE			#56 GREEN			#60 BLACK			#64 RED		
Base Pressure bars	Radius m	Flow l/s	Flow m <sup>3</sup> /h	Radius m	Flow l/s	Flow m <sup>3</sup> /h	Radius m	Flow l/s	Flow m <sup>3</sup> /h	Radius m	Flow l/s	Flow m <sup>3</sup> /h	Radius m	Flow l/s	Flow m <sup>3</sup> /h	Radius m	Flow l/s	Flow m <sup>3</sup> /h
4,1	19,2	1,35	4,85	22,3	1,82	6,56	22,9	2,01	7,25	24,7	2,39	8,60	—	—	—	—	—	—
4,5	19,8	1,42	5,11	22,3	1,89	6,81	23,5	2,10	7,57	25,0	2,48	8,94	26,2	2,63	9,47	27,4	2,88	10,35
5,0	20,7	1,50	5,40	22,4	2,01	7,22	24,2	2,22	8,00	25,5	2,60	9,40	26,8	2,78	10,00	27,9	3,04	10,94
5,5	21,6	1,55	5,59	22,8	2,14	7,72	24,7	2,34	8,41	25,9	2,74	9,87	27,7	2,92	10,52	28,3	3,21	11,56
6,0	21,6	1,64	5,90	23,3	2,19	7,88	24,7	2,45	8,81	26,3	2,87	10,34	27,7	3,06	11,03	28,8	3,35	12,06
6,5	21,9	1,71	6,16	23,5	2,24	8,06	24,9	2,55	9,19	26,8	3,00	10,80	27,7	3,19	11,50	29,2	3,49	12,57
6,9	22,3	1,76	6,35	23,5	2,64	8,22	25,3	2,64	9,49	27,1	3,10	11,15	27,7	3,29	11,86	29,6	3,60	12,97

Data reflect no pressure regulation.