

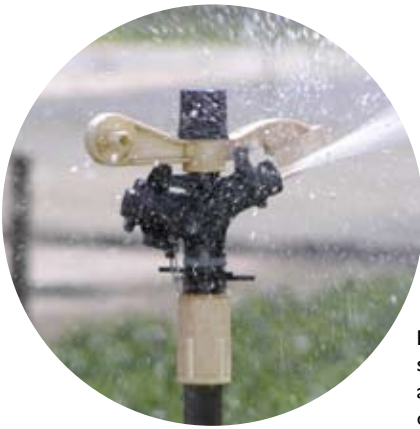
Part-Circle [Impacts]



Senninger's Part-Circle sprinklers are designed specifically for use where a directional impact sprinkler is required. Engineered to deliver maximum efficiency at low to moderate flow rates for agriculture, nursery, effluent disposal, dust suppression, and industrial applications.

FEATURES:

- Distributes water in a 60° - 360° adjustable pattern in 5° increments, no tools needed
- Easily convertible to full-circle operation
- Covered reversing mechanism
- 23° nozzle trajectory for maximum radius of throw
- Wide range of nozzle and vane combinations for excellent distribution at all pressures
- Inlet size: 3/4" M NPT
- Flow range: 2.42 to 16.10 gpm [550 to 3657 L/hr]
- Two-year warranty on materials and workmanship
- Color-coded nozzles for easy size identification are warranted to maintain correct orifice size for five years



Part-circle impact sprinklers can be adjusted to match the desired area of coverage.

3123 PC

Sprinkler base pressure [psi]							[bar]						
	30	35	40	45	50	55		2.07	2.41	2.76	3.10	3.45	3.79
#8 Nozzle - Lavender [1/8"]							#8 Nozzle - Lavender [3.18mm]						
Flow [gpm]	2.42	2.62	2.79	2.97	3.12	3.28	Flow [L/hr]	550	595	634	675	709	745
Radius at 1.5' ht. [ft.]	38	39	40	41	42	42	Radius at 0.5m ht. [m]	12	12	12	12	13	13
Radius at 3.0' ht. [ft.]	40	41	42	42	43	43	Radius at 0.9m ht. [m]	12	12	13	13	13	13
#9 Nozzle - Grey [9/64"]							#9 Nozzle - Grey [3.57mm]						
Flow [gpm]	3.08	3.33	3.56	3.78	3.98	4.18	Flow [L/hr]	700	756	809	859	904	949
Radius at 1.5' ht. [ft.]	40	41	42	43	43	44	Radius at 0.5m ht. [m]	12	12	13	13	13	13
Radius at 3.0' ht. [ft.]	41	43	44	44	45	45	Radius at 0.9m ht. [m]	12	13	13	13	14	14
#10 Nozzle - Turquoise [5/32"]							#10 Nozzle - Turquoise [3.97mm]						
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	5.17	Flow [L/hr]	868	938	1002	1063	1120	1174
Radius at 1.5' ht. [ft.]	41	43	44	45	45	46	Radius at 0.5m ht. [m]	12	13	13	14	14	14
Radius at 3.0' ht. [ft.]	41	44	45	46	46	47	Radius at 0.9m ht. [m]	12	13	14	14	14	14

Sprinkler performance may vary with actual field conditions. Radius shown is for standard straight bore nozzles and stream straightening vanes. Other nozzles and/or vane combinations are available; Consult factory for specific performance data. Stream heights range from 6.0 - 10.0 ft. [1.8-3.1m] above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft. [0.46 m].

Impacts] Part-Circle

4123 PC

Sprinkler base pressure													
[psi]	30	35	40	45	50	55	[bar]	2.07	2.41	2.76	3.10	3.45	3.79
#10 Nozzle - Turquoise [5/32"]							#10 Nozzle - Turquoise [3.97mm]						
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	5.17	Flow [L/hr]	868	938	1002	1063	1120	1174
Radius at 1.5' ht. [ft.]	41	43	44	45	45	46	Radius at 0.5m ht. [m]	12	13	13	14	14	14
Radius at 3.0' ht. [ft.]	41	44	45	46	46	47	Radius at 0.9m ht. [m]	12	13	14	14	14	14
#11 Nozzle - Yellow [11/64"]							#11 Nozzle - Yellow [4.37mm]						
Flow [gpm]	4.63	5.00	5.34	5.67	5.98	6.27	Flow [L/hr]	1052	1136	1213	1288	1358	1424
Radius at 1.5' ht. [ft.]	44	45	46	47	48	48	Radius at 0.5m ht. [m]	13	14	14	14	14	15
Radius at 3.0' ht. [ft.]	45	45	47	48	49	49	Radius at 0.9m ht. [m]	14	14	14	15	15	15
#12 Nozzle - Red [3/16"]							#12 Nozzle - Red [4.76mm]						
Flow [gpm]	5.52	5.97	6.37	6.76	7.13	7.48	Flow [L/hr]	1254	1356	1447	1535	1619	1699
Radius at 1.5' ht. [ft.]	45	46	48	49	50	51	Radius at 0.5m ht. [m]	14	14	14	15	15	15
Radius at 3.0' ht. [ft.]	46	47	49	50	51	51	Radius at 0.9m ht. [m]	14	14	15	15	15	16
#13 Nozzle - White [13/64"]							#13 Nozzle - White [5.16mm]						
Flow [gpm]	6.50	7.02	7.49	7.95	8.38	8.80	Flow [L/hr]	1476	1594	1701	1806	1903	1999
Radius at 1.5' ht. [ft.]	45	47	48	50	51	51	Radius at 0.5m ht. [m]	14	14	15	15	15	16
Radius at 3.0' ht. [ft.]	46	48	49	50	51	52	Radius at 0.9m ht. [m]	14	14	15	15	16	16

5123 PC

Sprinkler base pressure													
[psi]	30	35	40	45	50	55	[bar]	2.07	2.41	2.76	3.10	3.45	3.79
#13 Nozzle - White [13/64"]							#13 Nozzle - White [5.16mm]						
Flow [gpm]	6.50	7.02	7.49	7.95	8.38	8.80	Flow [L/hr]	1476	1594	1701	1806	1903	1999
Radius at 1.5' ht. [ft.]	45	47	48	50	51	51	Radius at 0.5m ht. [m]	14	14	15	15	15	16
Radius at 3.0' ht. [ft.]	46	48	49	50	51	52	Radius at 0.9m ht. [m]	14	14	15	15	16	16
#14 Nozzle - Blue [7/32"]							#14 Nozzle - Blue [5.56mm]						
Flow [gpm]	7.49	8.09	8.63	9.17	9.66	10.10	Flow [L/hr]	1701	1837	1960	2083	2194	2294
Radius at 1.5' ht. [ft.]	46	47	49	50	51	52	Radius at 0.5m ht. [m]	14	14	15	15	16	16
Radius at 3.0' ht. [ft.]	47	49	51	52	53	54	Radius at 0.9m ht. [m]	14	15	16	16	16	16
#15 Nozzle - Dark Brown [15/64"]							#15 Nozzle - Dark Brown [5.95mm]						
Flow [gpm]	8.51	9.19	9.81	10.40	11.00	11.50	Flow [L/hr]	1933	2087	2228	2362	2498	2612
Radius at 1.5' ht. [ft.]	46	48	50	51	52	53	Radius at 0.5m ht. [m]	14	15	15	16	16	16
Radius at 3.0' ht. [ft.]	48	50	52	53	54	56	Radius at 0.9m ht. [m]	15	15	16	16	16	17
#16 Nozzle - Orange [1/4"]							#16 Nozzle - Orange [6.35mm]						
Flow [gpm]	9.63	10.40	11.10	11.80	12.40	13.00	Flow [L/hr]	2187	2362	2521	2680	2816	2953
Radius at 1.5' ht. [ft.]	47	50	51	53	54	55	Radius at 0.5m ht. [m]	14	15	16	16	16	17
Radius at 3.0' ht. [ft.]	48	51	53	55	56	57	Radius at 0.9m ht. [m]	15	16	16	17	17	17
#17 Nozzle - Dark Green [17/64"]							#17 Nozzle - Dark Green [6.75mm]						
Flow [gpm]	10.70	11.60	12.30	13.10	13.80	14.50	Flow [L/hr]	2430	2635	2794	2975	3134	3293
Radius at 1.5' ht. [ft.]	47	50	52	54	55	56	Radius at 0.5m ht. [m]	14	15	16	16	17	17
Radius at 3.0' ht. [ft.]	49	51	54	56	57	58	Radius at 0.9m ht. [m]	15	16	16	17	17	18
#18 Nozzle - Purple [9/32"]							#18 Nozzle - Purple [7.14mm]						
Flow [gpm]	11.90	12.90	13.70	14.60	15.40	16.10	Flow [L/hr]	2703	2930	3112	3316	3498	3657
Radius at 1.5' ht. [ft.]	47	50	53	55	56	57	Radius at 0.5m ht. [m]	14	15	16	17	17	17
Radius at 3.0' ht. [ft.]	49	52	54	56	58	59	Radius at 0.9m ht. [m]	15	16	16	17	18	18