

Part-Circle

Senninger's Part-Circle impact sprinklers allow adjustments to match the desired area of coverage. They are used in agriculture, nurseries, effluent solution disposal, dust suppression and industrial applications.



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

FEATURES

- Distributes water in a 60° to 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
- Connection: 3/4" NPT male
- Flow range: 2.42 to 16.1 gpm (550 to 3657 L/hr)
- Operating pressures: 30 to 55 psi (2.07 to 3.79 bar)
- Two-year warranty on materials and workmanship
- Color-coded nozzles for easy size identification are warranted to maintain correct orifice size for five years

CONVENIENT HAND TIGHT NOZZLES!



No tools required with the easy change/easy clean nozzle and vane combination. Half size and square orifice nozzles also available.

3123PC SPRINKLER BASE PRESSURE-US	psi						SPRINKLER BASE PRESSURE-METRIC	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 (3.18 mm)						
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 ft ht (ft)	38	39	40	41	42	42	Radius at 0.46 m ht (m)	12	12	12	12	13	13
Radius at 3.0 ft ht (ft)	40	41	42	42	43	43	Radius at 0.91 m ht (m)	12	12	13	13	13	13
#9 Nozzle - Grey (9/64")							#9 Nozzle - Grey (3.57 mm)						
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 ft ht (ft)	40	41	42	43	43	44	Radius at 0.46 m ht (m)	12	12	13	13	13	13
Radius at 3.0 ft ht (ft)	41	43	44	44	45	45	Radius at 0.91 m ht (m)	12	13	13	13	14	14
#10 Nozzle - Turquoise (5/32")							#10 Nozzle - Turquoise (3.97 mm)						
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 ft ht (ft)	41	43	44	45	45	46	Radius at 0.46 m ht (m)	12	13	13	14	14	14
Radius at 3.0 ft ht (ft)	41	44	45	46	46	47	Radius at 0.91 m ht (m)	12	13	14	14	14	14

Sprinkler performance may vary with actual field conditions. Stream heights range from 6.0 to 10.0 ft (1.8 to 3.1 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

**4123PC SPRINKLER
BASE PRESSURE-US**

	psi							bar					
	30	35	40	45	50	55		2.07	2.41	2.76	3.10	3.45	3.79
#10 Nozzle - Turquoise (5/32")							#10 Nozzle - Turquoise (3.97 mm)						
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 ft ht (ft)	41	43	44	45	45	46	Radius at 0.46 m ht (m)	12	13	13	14	14	14
Radius at 3.0 ft ht (ft)	41	44	45	46	46	47	Radius at 0.91 m ht (m)	12	13	14	14	14	14
#11 Nozzle - Yellow (11/64")							#11 Nozzle - Yellow (4.37 mm)						
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 ft ht (ft)	44	45	46	47	48	48	Radius at 0.46 m ht (m)	13	14	14	14	14	15
Radius at 3.0 ft ht (ft)	45	45	47	48	49	49	Radius at 0.91 m ht (m)	14	14	14	15	15	15
#12 Nozzle - Red (3/16")							#12 Nozzle - Red (4.76 mm)						
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 ft ht (ft)	45	46	48	49	50	51	Radius at 0.46 m ht (m)	14	14	14	15	15	15
Radius at 3.0 ft ht (ft)	46	47	49	50	51	51	Radius at 0.91 m ht (m)	14	14	15	15	15	16
#13 Nozzle - White (13/64")							#13 Nozzle - White (5.16 mm)						
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 ft ht (ft)	45	47	48	50	51	51	Radius at 0.46 m ht (m)	14	14	15	15	15	16
Radius at 3.0 ft ht (ft)	46	48	49	50	51	52	Radius at 0.91 m ht (m)	14	14	15	15	16	16

**5123PC SPRINKLER
BASE PRESSURE-US**

	psi							bar					
	30	35	40	45	50	55		2.07	2.41	2.76	3.10	3.45	3.79
#13 Nozzle - White (13/64")							#13 Nozzle - White (5.16 mm)						
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 ft ht (ft)	45	47	48	50	51	51	Radius at 0.46 m ht (m)	14	14	15	15	15	16
Radius at 3.0 ft ht (ft)	46	48	49	50	51	52	Radius at 0.91 m ht (m)	14	14	15	15	16	16
#14 Nozzle - Blue (7/32")							#14 Nozzle - Blue (5.56 mm)						
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 ft ht (ft)	46	47	49	50	51	52	Radius at 0.46 m ht (m)	14	14	15	15	16	16
Radius at 3.0 ft ht (ft)	47	49	51	52	53	54	Radius at 0.91 m ht (m)	14	15	16	16	16	16
#15 Nozzle - Dark Brown (15/64")							#15 Nozzle - Dark Brown (5.95 mm)						
Flow (gpm)	8.51	9.19	9.81	10.4	11.0	11.5	Flow (L/hr)	1933	2087	2228	2362	2498	2612
Radius at 1.5 ft ht (ft)	46	48	50	51	52	53	Radius at 0.46 m ht (m)	14	15	15	16	16	16
Radius at 3.0 ft ht (ft)	48	50	52	53	54	56	Radius at 0.91 m ht (m)	15	15	16	16	16	17
#16 Nozzle - Orange (1/4")							#16 Nozzle - Orange (6.35 mm)						
Flow (gpm)	9.63	10.4	11.1	11.8	12.4	13.0	Flow (L/hr)	2187	2362	2521	2680	2816	2953
Radius at 1.5 ft ht (ft)	47	50	51	53	54	55	Radius at 0.46 m ht (m)	14	15	16	16	16	17
Radius at 3.0 ft ht (ft)	48	51	53	55	56	57	Radius at 0.91 m ht (m)	15	16	16	17	17	17
#17 Nozzle - Dark Green (17/64")							#17 Nozzle - Dark Green (6.75 mm)						
Flow (gpm)	10.7	11.6	12.3	13.1	13.8	14.5	Flow (L/hr)	2430	2635	2794	2975	3134	3293
Radius at 1.5 ft ht (ft)	47	50	52	54	55	56	Radius at 0.46 m ht (m)	14	15	16	16	17	17
Radius at 3.0 ft ht (ft)	49	51	54	56	57	58	Radius at 0.91 m ht (m)	15	16	16	17	17	18
#18 Nozzle - Purple (9/32")							#18 Nozzle - Purple (7.14 mm)						
Flow (gpm)	11.9	12.9	13.7	14.6	15.4	16.1	Flow (L/hr)	2703	2930	3112	3316	3498	3657
Radius at 1.5 ft ht (ft)	47	50	53	55	56	57	Radius at 0.46 m ht (m)	14	15	16	17	17	17
Radius at 3.0 ft ht (ft)	49	52	54	56	58	59	Radius at 0.91 m ht (m)	15	16	16	17	18	18

Sprinkler performance may vary with actual field conditions. Stream heights range from 6.0 to 10.0 ft (1.8 to 3.1 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).