

48H

3/4" (19mm) Full Circle, Plastic Impact Sprinkler

- Durable Delrin™ plastic body, and arm
- Stainless steel spring and fulcrum pin
- Chemically resistant, PTFE washers

Features

- Color coded quick-fit nozzles provide easy maintenance
- 5 nozzles, 2 spreader nozzles, and a plug allow for design flexibility
- Plastic body and bearing provide increased affordability

Benefits

- PTFE washers allow for smaller nozzles and lower pressures
- Superior chemical and grit resistance
- Exceptionally wide range of flow rates
- Built to last
- Two-year Customer Satisfaction Policy

Specifications

- Bearing: 3/4" (19mm) Male NPT, Plastic
- Trajectory Angle: 23°
- Operating Range: 30-80 psi (2.1-5.5 bar)
- Flow Rate: 4.2 – 14.2 gpm (960-3230 l/h)
- Radius: 42-60 ft. (12.8-18.3 m)
- Nozzle Port: 1/4" Female Quick-Fit
- Spreader Nozzle Port: 3/32" or 1/8" Female Quick-Fit



Plastic Nozzle with Plug Performance										
psi@ Nozzle	NOZZLE SIZE									
	5/32"		11/64"		3/16"		13/64"		7/32"	
	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)
30	-	-	-	-	46	5.43	49	6.18	48	7.10
35	44	4.22	46	5.02	47	5.88	50	6.68	50	7.69
40	46	4.50	48	5.48	50	6.26	52	7.22	50	8.27
45	46	4.82	50	5.78	51	6.68	52	7.67	54	8.81
50	48	5.03	51	6.17	52	7.10	53	8.12	54	9.29
55	50	5.37	51	6.44	52	7.47	54	8.54	57	9.78
60	50	5.54	51	6.67	52	7.70	55	8.93	58	10.25
65	50	5.81	52	7.09	53	8.15	56	9.27	58	10.73
70	51	6.04	54	7.33	54	8.45	56	9.66	58	11.00
75	51	6.22	54	7.58	55	8.72	57	10.00	58	11.46
80	51	6.46	55	7.84	55	8.97	57	10.31	59	11.80

Plastic Nozzle with 3/32" Spreader Nozzle Performance										
psi@ Nozzle	NOZZLE SIZE									
	5/32"		11/64"		3/16"		13/64"		7/32"	
	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)
30	-	-	-	-	44	6.40	46	7.26	47	8.22
35	44	5.40	44	6.25	45	7.00	48	7.90	49	8.91
40	46	5.77	46	6.69	47	7.53	50	8.40	51	9.49
45	46	6.16	48	7.16	49	7.98	51	8.98	52	10.19
50	47	6.54	49	7.58	50	8.45	52	9.46	54	10.70
55	47	6.84	50	7.91	52	8.94	53	9.94	54	11.19
60	48	7.18	50	8.26	53	9.26	54	10.27	56	11.80
65	49	7.46	51	8.61	54	9.70	54	10.85	58	12.10
70	50	7.72	52	8.97	54	10.09	56	11.23	59	12.72
75	51	7.97	53	9.17	56	10.35	56	11.69	60	12.95
80	51	8.28	54	9.51	56	10.7	57	12.01	60	13.56

Plastic Nozzle with 1/8" Spreader Nozzle Performance										
psi@ Nozzle	NOZZLE SIZE									
	5/32"		11/64"		3/16"		13/64"		7/32"	
	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)	Rad. (ft.)	Flow (gpm)
30	-	-	-	-	44	6.89	45	7.70	46	8.63
35	42	5.91	44	6.73	44	7.43	47	8.34	48	9.27
40	45	6.32	45	7.24	46	8.02	49	8.91	50	10.03
45	46	6.72	46	7.66	48	8.54	50	9.46	52	10.63
50	46	7.10	48	8.10	50	9.01	52	10.04	54	11.19
55	46	7.46	49	8.40	52	9.37	54	10.54	56	11.84
60	47	7.76	50	8.88	52	9.89	54	11.04	56	12.30
65	48	8.11	50	9.32	52	10.31	56	11.50	57	12.87
70	48	8.39	51	9.59	54	10.66	56	11.95	58	13.29
75	48	8.75	51	9.92	55	11.08	57	12.33	58	13.85
80	49	8.99	52	10.25	55	11.46	58	12.75	60	14.24

* Nozzles must be purchased separately. See Chart below.

Part Numbers and Ordering Information

Sprinkler Only	
Sprinkler Without Nozzle, Without Plug	A07370

Plastic Quick-Fit Nozzle Only	
5/32" (3.97 mm) Plastic Straight Bore Quick-Fit Nozzle (Black)	A07390
11/64" (4.37 mm) Plastic Straight Bore Quick-Fit Nozzle (Brown)	A07391
3/16" (4.76 mm) Plastic Straight Bore Quick-Fit Nozzle (Yellow)	A07392
13/64" (5.16 mm) Plastic Straight Bore Quick-Fit Nozzle (Purple)	A07393
7/32" (5.56 mm) Plastic Straight Bore Quick-Fit Nozzle (Orange)	A07394

Spreader Nozzle and Plug Only	
3/32" (2.38 mm) Plastic Spreader Nozzle (Green)	A07395
1/8" (3.18 mm) Plastic Spreader Nozzle (Blue)	A07396
Plastic Plug (Orange)	A07397

Plastic Nozzle with Plug Performance							METRIC			
bar@ Nozzle	NOZZLE SIZE									
	3.97mm		4.37mm		4.76mm		5.16mm		5.56mm	
	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)
2.1	-	-	-	-	14.0	1230	14.9	1400	14.6	1610
2.4	13.4	960	14.0	1140	14.3	1340	15.2	1520	15.2	1750
2.8	14.0	1020	14.6	1240	15.2	1420	15.8	1640	15.2	1880
3.1	14.0	1090	15.2	1310	15.5	1520	15.8	1740	16.5	2000
3.4	14.6	1140	15.5	1400	15.8	1610	16.2	1840	16.5	2110
3.8	15.2	1220	15.5	1460	15.8	1700	16.5	1940	17.4	2220
4.1	15.2	1260	15.5	1510	15.8	1750	16.8	2030	17.7	2330
4.5	15.2	1320	15.8	1610	16.2	1850	17.1	2110	17.7	2440
4.8	15.5	1370	16.5	1660	16.5	1920	17.1	2190	17.7	2500
5.2	15.5	1410	16.5	1720	16.8	1980	17.4	2270	17.7	2600
5.5	15.5	1470	16.8	1780	16.8	2040	17.4	2340	18.0	2680



Plastic Nozzle with 2.38mm Spreader Nozzle Performance							METRIC			
bar@ Nozzle	NOZZLE SIZE									
	3.97mm		4.37mm		4.76mm		5.16mm		5.56mm	
	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)
2.1	-	-	-	-	13.4	1450	14.0	1650	14.3	1870
2.4	13.4	1230	13.4	1420	13.7	1590	14.6	1790	14.9	2020
2.8	14.0	1310	14.0	1520	14.3	1710	15.2	1910	15.5	2160
3.1	14.0	1400	14.6	1630	14.9	1810	15.5	2040	15.8	2310
3.4	14.3	1490	14.9	1720	15.2	1920	15.8	2150	16.5	2430
3.8	14.3	1550	15.2	1800	15.8	2030	16.2	2260	16.5	2540
4.1	14.6	1630	15.2	1880	16.2	2100	16.5	2330	17.1	2680
4.5	14.9	1690	15.5	1960	16.5	2200	16.5	2460	17.7	2750
4.8	15.2	1750	15.8	2040	16.5	2290	17.1	2550	18.0	2890
5.2	15.5	1810	16.2	2080	17.1	2350	17.1	2650	18.3	2940
5.5	15.5	1880	16.5	2160	17.1	2430	17.4	2730	18.3	3080

Plastic Nozzle with 3.18mm Spreader Nozzle Performance							METRIC			
bar@ Nozzle	NOZZLE SIZE									
	3.97mm		4.37mm		4.76mm		5.16mm		5.56mm	
	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)	Rad. (m)	Flow (l/h)
2.1	-	-	-	-	13.4	1560	13.7	1750	14.0	1960
2.4	12.8	1340	13.4	1530	13.4	1690	14.3	1890	14.6	2110
2.8	13.7	1440	13.7	1640	14.0	1820	14.9	2020	15.2	2280
3.1	14.0	1530	14.0	1740	14.6	1940	15.2	2150	15.8	2410
3.4	14.0	1610	14.6	1840	15.2	2050	15.8	2280	16.5	2540
3.8	14.0	1690	14.9	1910	15.8	2130	16.5	2390	17.1	2690
4.1	14.3	1760	15.2	2020	15.8	2250	16.5	2510	17.1	2790
4.5	14.6	1840	15.2	2120	15.8	2340	17.1	2610	17.4	2920
4.8	14.6	1910	15.5	2180	16.5	2420	17.1	2710	17.7	3020
5.2	14.6	1990	15.5	2250	16.8	2520	17.4	2800	17.7	3150
5.5	14.9	2040	15.8	2330	16.8	2600	17.7	2900	18.3	3230

* Nozzles must be purchased separately. See chart on previous page.