

## IMPACT SPRINKLERS - SOLID SET, NURSERY & GREENHOUSE

# Nozzle Flow

Operating pressure always affects the flow rate. Use this chart to determine your nozzle flow at different pressures. Senninger's nozzles are backed by an unprecedented industry warranty to retain their original nozzle size for five years.

### 20, 30, 40, 50 SERIES

Nozzle Number and Nozzle Color	Sprinkler Series	Nozzle Orifice Size	30 psi	2.07 bar	35 psi	2.42 bar	40 psi	2.76 bar	45 psi	3.10 bar	50 psi	3.45 bar	55 psi	3.80 bar	60 psi	4.14 bar	65 psi	4.48 bar	
			gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)
#6 Gold	20	30	3/32" 2.38 mm	1.34	304	1.45	329	1.55	352	1.64	372								
#7 Lime			7/64" 2.78 mm	1.84	418	1.99	452	2.12	481	2.25	511	2.37	538						
#8 Lavender			1/8" 3.18 mm	2.42	550	2.62	595	2.79	634	2.97	675	3.12	709						
#9 Grey			9/64" 3.57 mm	3.08	700	3.33	756	3.56	809	3.78	859	3.98	904						
#10 Turquoise	40	50	5/32" 3.97 mm	3.82	868	4.13	938	4.41	1002	4.68	1063	4.93	1120	5.17	1174	5.40	1226		
#11 Yellow			11/64" 4.37 mm	4.63	1052	5.00	1136	5.34	1213	5.67	1288	5.98	1358	6.27	1424	6.55	1488		
#12 Red			3/16" 4.76 mm	5.52	1254	5.97	1356	6.37	1447	6.76	1535	7.13	1619	7.48	1699	7.81	1774		
#13 White			13/64" 5.16 mm	6.50	1476	7.02	1594	7.49	1701	7.95	1806	8.38	1903	8.80	1999	9.19	2087	9.55	2169
#14 Blue	50	50	7/32" 5.56 mm	7.49	1701	8.09	1837	8.63	1960	9.17	2083	9.66	2194	10.0	2294	10.6	2408	11.0	2498
#15 Dark Brown			15/64" 5.95 mm	8.51	1933	9.19	2087	9.81	2228	10.4	2362	11.0	2498	11.5	2612	12.0	2725	12.5	2839
#16 Orange			1/4" 6.35 mm	9.63	2187	10.4	2362	11.1	2521	11.8	2680	12.4	2816	13.0	2953	13.6	3089	14.2	3225
#17 Dark Green			17/64" 6.75 mm	10.7	2430	11.6	2635	12.3	2794	13.1	2975	13.8	3134	14.5	3293	15.1	3430	15.7	3556
#18 Purple			9/32" 7.14 mm	11.9	2703	12.9	2930	13.7	3112	14.6	3316	15.4	3498	16.1	3657	16.8	3816	17.5	3975

### 70 & 80 SERIES

Nozzle Number	Series	Nozzle Orifice Size	40 psi	2.76 bar	50 psi	3.45 bar	60 psi	4.14 bar	70 psi	4.83 bar
			gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)	gpm (L/hr)
#14	70	7/32" 5.56 mm	8.63	1960	9.66	2194	10.6	2408	11.5	2612
#16		1/4" 6.35 mm	11.1	2521	12.4	2816	13.6	3089	15.1	3430
#18		9/32" 7.14 mm	13.7	3112	15.4	3498	16.8	3816	18.1	4270
#20		5/16" 7.94 mm	17.1	3884	19.2	4361	21.0	4770	22.7	5156
#22		11/32" 8.73 mm	20.5	4656	22.9	5201	25.1	5701	27.1	6155
#24	80	3/8" 9.53 mm	23.9	5428	26.7	6064	29.3	6655	31.6	7177
#26		13/32" 10.32 mm	29.3	6655	32.7	7427	35.9	8154	38.7	8790
#28		7/16" 11.11 mm	33.9	7700	38.0	8631	41.6	9448	44.9	10198
#30		15/32" 11.91 mm	38.6	8767	43.1	9789	47.2	10720	51.0	11583
#32		1/2" 12.70 mm	43.9	9971	49.0	11129	53.7	12197	58.0	13173
#34		17/32" 13.49 mm	49.5	11243	55.4	12583	60.7	13786	65.5	14877
#36		9/16" 14.29 mm	55.5	12605	62.1	14104	68.0	15444	73.5	16694
#38		19/32" 15.08 mm	59.9	13605	66.9	15195	73.3	16648	79.2	17988
#40	5/8" 15.88 mm	67.1	15240	75.0	17034	82.1	18647	88.7	20146	