

Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius	Min Radius	Discharge		Precipitation Rate ¹	
				PSI	FT		FT	GPM			IN/HR■	IN/HR▲	BAR	kPa
45	48	36	9.4	0.79	0.98	3	3.1	310	14.6	11.0	35.6	2.13	20.0	24.9
60	50	38	10.9	0.84	1.05		4.1	414	15.3	11.4	41.3	2.47	21.3	26.6
75	50	38	12.2	0.94	1.17		5.2	517	15.3	11.4	46.2	2.77	23.9	29.8
90	53	40	13.4	0.92	1.15		6.2	621	16.2	12.1	50.7	3.04	23.3	29.1
45	51	38	11.4	0.84	1.05	4	3.1	310	15.6	11.7	43.1	2.59	21.4	26.7
60	54	41	13.2	0.87	1.09		4.1	414	16.5	12.4	50.0	3.00	22.1	27.6
75	55	41	14.9	0.95	1.18		5.2	517	16.8	12.6	56.4	3.38	24.1	30.0
90	55	41	16.4	1.04	1.30		6.2	621	16.8	12.6	62.1	3.72	26.5	33.1
45	52	39	12.3	0.88	1.09	5	3.1	310	15.9	11.9	46.6	2.79	22.3	27.8
60	55	41	14.4	0.92	1.14		4.1	414	16.8	12.6	54.5	3.27	23.3	29.0
75	57	43	16.2	0.96	1.20		5.2	517	17.4	13.0	61.3	3.68	24.4	30.4
90	58	44	17.8	1.02	1.27		6.2	621	17.7	13.3	67.4	4.04	25.9	32.3
60	58	44	17.5	1.00	1.25	6	4.1	414	17.7	13.3	66.2	3.97	25.4	31.7
75	60	45	20.0	1.07	1.33		5.2	517	18.3	13.7	75.7	4.54	27.2	33.9
90	61	46	22.1	1.14	1.43		6.2	621	18.6	14.0	83.6	5.02	29.1	36.2
60	58	44	19.6	1.12	1.40	7	4.1	414	17.7	13.3	74.2	4.45	28.5	35.5
75	60	45	21.3	1.14	1.42		5.2	517	18.3	13.7	80.6	4.84	28.9	36.1
90	61	46	24.6	1.27	1.59		6.2	621	18.6	14.0	93.1	5.58	32.3	40.3
60	59	44	21.8	1.21	1.50	8	4.1	414	18.0	13.5	82.5	4.95	30.6	38.2
75	61	46	24.8	1.28	1.60		5.2	517	18.6	14.0	93.9	5.63	32.6	40.7
90	64	48	27.5	1.29	1.61		6.2	621	19.5	14.6	104.1	6.24	32.8	41.0

¹ Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.

Pressure	Max Radius	Min Radius	Discharge	Precipitation Rate ¹		Nozzle Number	Pressure		Max Radius	Min Radius	Discharge		Precipitation Rate ¹	
				PSI	FT		FT	GPM			IN/HR■	IN/HR▲	BAR	kPa
45	53	40	9.4	0.64	0.80	3	3.1	310	16.2	12.1	35.6	2.13	16.4	20.4
60	56	42	10.9	0.67	0.83		4.1	414	17.1	12.8	41.3	2.47	17.0	21.2
75	57	43	12.2	0.72	0.90		5.2	517	17.4	13.0	46.2	2.77	18.4	22.9
90	58	44	13.4	0.77	0.96		6.2	621	17.7	13.3	50.7	3.04	19.5	24.3
45	54	41	11.4	0.75	0.94	4	3.1	310	16.5	12.4	43.1	2.59	19.1	23.8
60	59	44	13.2	0.73	0.91		4.1	414	18.0	13.5	50.0	3.00	18.6	23.1
75	61	46	14.9	0.77	0.96		5.2	517	18.6	14.0	56.4	3.38	19.6	24.4
90	62	47	16.4	0.82	1.02		6.2	621	18.9	14.2	62.1	3.72	20.9	26.0
45	57	43	12.3	0.73	0.91	5	3.1	310	17.4	13.0	46.6	2.79	18.5	23.1
60	61	46	14.4	0.75	0.93		4.1	414	18.6	14.0	54.5	3.27	18.9	23.6
75	65	49	16.2	0.74	0.92		5.2	517	19.8	14.9	61.3	3.68	18.8	23.4
90	66	50	17.8	0.79	0.98		6.2	621	20.1	15.1	67.4	4.04	20.0	24.9
60	64	48	17.5	0.82	1.03	6	4.1	414	19.5	14.6	66.2	3.97	20.9	26.1
75	68	51	20.0	0.83	1.04		5.2	517	20.7	15.6	75.7	4.54	21.2	26.4
90	68	51	22.1	0.92	1.15		6.2	621	20.7	15.6	83.6	5.02	23.4	29.2
60	65	49	19.6	0.89	1.11	7	4.1	414	19.8	14.9	74.2	4.45	22.7	28.3
75	69	52	21.3	0.86	1.07		5.2	517	21.0	15.8	80.6	4.84	21.9	27.3
90	73	55	24.6	0.89	1.11		6.2	621	22.3	16.7	93.1	5.58	22.6	28.2
60	66	50	21.8	0.96	1.20	8	4.1	414	20.1	15.1	82.5	4.95	24.5	30.5
75	71	53	24.8	0.95	1.18		5.2	517	21.7	16.2	93.9	5.63	24.1	30.0
90	74	56	27.5	0.97	1.21		6.2	621	22.6	16.9	104.1	6.24	24.6	30.6

¹ Precipitation rates for square and triangular spacing calculated at 50% of diameter for half-circle operation. Assumes zero wind for precipitation and radius. Adjust for local conditions.