

Nozzle Performance Data

NOZZLE	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr mm/hr			
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
#0.75	30	206	2.1	29	8.8	0.7	2.6	0.16	0.16	0.19	4	5
	40	275	2.8	30	9.1	0.8	3.0	0.18	0.17	0.20	4	5
	50	344	3.4	30	9.1	0.9	3.4	0.20	0.19	0.22	5	6
	60	413	4.1	31	9.4	1.0	3.8	0.23	0.20	0.23	5	6
#1.0	30	206	2.1	30	9.1	0.9	3.4	0.20	0.19	0.22	5	6
	40	275	2.8	31	9.4	1.0	3.8	0.23	0.20	0.23	5	6
	50	344	3.4	31	9.4	1.2	4.5	0.27	0.24	0.28	6	7
	60	413	4.1	32	9.8	1.3	4.9	0.30	0.24	0.28	6	7
#1.5	30	206	2.1	32	9.8	1.2	4.5	0.27	0.23	0.26	5	6
	40	275	2.8	33	10.1	1.4	5.3	0.32	0.25	0.29	6	7
	50	344	3.4	34	10.4	1.6	6.1	0.36	0.27	0.31	7	8
	60	413	4.1	34	10.4	1.8	6.8	0.41	0.30	0.35	7	9
#2.0	30	206	2.1	34	10.4	1.6	6.1	0.36	0.27	0.31	7	8
	40	275	2.8	36	11.0	1.8	6.8	0.41	0.27	0.31	7	8
	50	344	3.4	38	11.6	2.0	7.6	0.45	0.27	0.31	7	8
	60	413	4.1	38	11.6	2.2	8.3	0.50	0.29	0.34	7	9
#3.0	30	206	2.1	36	11.0	2.0	7.6	0.45	0.30	0.34	7	9
	40	275	2.8	38	11.6	2.4	9.1	0.55	0.32	0.37	8	9
	50	344	3.4	40	12.2	2.7	10.2	0.61	0.32	0.38	8	10
	60	413	4.1	40	12.2	2.9	11.0	0.66	0.35	0.40	9	10
#4.0	30	206	2.1	36	11.0	2.6	9.8	0.59	0.39	0.45	10	11
	40	275	2.8	40	12.2	3.0	11.4	0.68	0.36	0.42	9	11
	50	344	3.4	42	12.8	3.4	12.9	0.77	0.37	0.43	9	11
	60	413	4.1	42	12.8	3.7	14.0	0.84	0.40	0.47	9	12
#6.0	40	275	2.8	38	11.6	4.2	15.9	0.91	0.56	0.65	14	16
	50	344	3.4	43	13.1	4.9	18.5	1.11	0.51	0.59	13	15
	60	413	4.1	46	14.0	5.5	20.8	1.25	0.50	0.58	13	15
	70	482	4.8	47	14.3	6.0	22.7	1.36	0.52	0.60	13	15
#8.0	40	275	2.8	45	13.7	6.0	22.7	1.36	0.57	0.66	14	17
	50	344	3.4	48	14.6	6.8	25.7	1.54	0.57	0.66	14	17
	60	413	4.1	49	14.9	7.6	28.8	1.73	0.61	0.70	15	18
	70	482	4.8	51	15.5	8.2	31.0	1.86	0.61	0.70	15	18

Low Angle Performance Data

NOZZLE	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr mm/hr			
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
#1.0	30	207	2.0	22	6.7	1.2	4.5	.34	0.48	0.55	12	14
	40	275	3.0	24	7.3	1.7	6.4	.39	0.57	0.66	14	17
	50	344	3.5	26	7.9	1.8	6.8	.41	0.51	0.59	13	15
	60	413	4.0	28	8.5	2.0	7.6	.46	0.49	0.57	13	14
#3.0	30	207	2.0	29	8.8	3.0	11.4	.68	0.69	0.79	18	20
	40	275	3.0	32	9.8	3.1	11.7	.71	0.58	0.67	15	17
	50	344	3.5	35	10.7	3.5	13.2	.80	0.55	0.64	14	16
	60	413	4.0	37	11.3	3.8	14.4	.87	0.53	0.62	13	16
#4.0	30	207	2.0	31	9.4	3.4	12.9	.78	0.68	0.79	17	20
	40	275	3.0	34	10.4	3.9	14.8	.89	0.65	0.75	16	19
	50	344	3.5	37	11.3	4.4	16.7	1.00	0.62	0.71	16	18
	60	413	4.0	38	11.6	4.7	17.8	1.07	0.63	0.72	16	18
#6.0	40	275	3.0	38	11.6	6.5	24.6	1.68	0.87	1.00	22	25
	50	344	3.5	40	12.2	7.3	27.6	1.66	0.88	1.01	22	25
	60	413	4.0	42	12.8	8.0	30.3	1.82	0.87	1.01	22	26
	70	482	5.0	44	13.4	8.3	32.6	1.96	0.86	0.99	22	25

*All precipitation rates calculated for 180° operation. For the precipitation rate for a 360° sprinkler, divide by 2