

I-25 STANDARD NOZZLE PERFORMANCE DATA

Nozzle		Pressure		Radius m	Flow		Precip mm/hr	
		bar	kPa		m³/hr	l/min	■	▲
4	Yellow	2.5	250	11.9	0.82	13.6	12	13
		3.0	300	12.2	0.91	15.2	12	14
		3.5	350	12.5	0.98	16.4	13	15
		4.0	400	12.5	1.05	17.5	13	16
		4.5	450	12.8	1.11	18.6	14	16
		5.0	500	13.1	1.18	19.6	14	16
7	Orange*	5.5	550	13.4	1.24	20.7	14	16
		2.5	250	13.4	1.44	24.0	16	19
		3.0	300	14.0	1.54	25.6	16	18
		3.5	350	14.3	1.61	26.9	16	18
		4.0	400	14.3	1.68	28.0	16	19
		4.5	450	14.6	1.75	29.1	16	19
8	Lt. Brown	5.0	500	14.9	1.81	30.1	16	19
		5.5	550	15.2	1.87	31.1	16	19
		2.5	250	14.0	1.65	27.5	17	19
		3.0	300	14.3	1.81	30.1	18	20
		3.5	350	14.9	1.94	32.3	17	20
		4.0	400	15.2	2.05	34.2	18	20
10	Lt. Green*	4.5	450	15.2	2.16	36.0	19	22
		5.0	500	15.5	2.27	37.8	19	22
		5.5	550	15.8	2.38	39.6	19	22
		3.0	300	15.2	2.15	35.8	18	21
		3.5	350	15.5	2.32	38.6	19	22
		4.0	400	15.8	2.48	41.3	20	23
13	Lt. Blue	4.5	450	16.2	2.63	43.9	20	23
		5.0	500	16.2	2.78	46.3	21	25
		5.5	550	16.5	2.94	48.9	22	25
		6.0	600	16.8	3.07	51.1	22	25
		3.0	300	15.8	2.38	39.6	19	22
		3.5	350	16.2	2.57	42.8	20	23
15	Grey*	4.0	400	16.5	2.75	45.7	20	23
		4.5	450	16.5	2.91	48.5	21	25
		5.0	500	16.8	3.04	51.2	22	25
		5.5	550	16.8	3.24	54.0	23	27
		6.0	600	17.1	3.39	56.4	23	27
		6.0	600	17.1	3.39	56.4	23	27

Nozzle		Pressure		Radius m	Flow		Precip mm/hr	
		bar	kPa		m³/hr	l/min	■	▲
15	Grey*	3.0	300	16.8	2.86	47.7	20	24
		3.5	350	17.1	3.05	50.8	21	24
		4.0	400	17.4	3.22	53.7	21	25
		4.5	450	17.4	3.38	56.3	22	26
		5.0	500	17.4	3.53	58.8	23	27
		5.5	550	17.7	3.69	61.5	24	27
18	Red	6.0	600	18.0	3.82	63.7	24	27
		6.2	620	18.3	3.88	64.6	23	27
		3.0	300	17.4	30.8	51.4	20	24
		3.5	350	17.7	3.31	55.2	21	24
		4.0	400	18.0	3.52	58.7	22	25
		4.5	450	18.3	3.72	62.0	22	26
20	Dk. Brown*	5.0	500	18.9	3.91	65.2	22	25
		5.5	550	19.2	4.11	68.5	22	26
		6.0	600	19.5	4.28	71.4	23	26
		6.2	620	19.5	4.35	72.5	23	26
		3.5	350	18.0	3.72	62.1	23	27
		4.0	400	18.6	3.97	66.2	23	27
23	Dk. Green	4.5	450	18.9	4.20	70.1	24	27
		5.0	500	19.2	4.42	73.7	24	28
		5.5	550	19.5	4.66	77.7	25	28
		6.0	600	19.8	4.86	81.0	25	29
		6.5	650	20.1	5.05	84.2	25	29
		6.9	690	20.4	5.21	86.8	25	29
25	Dk. Blue*	3.5	350	18.6	4.56	76.0	26	30
		4.0	400	19.2	4.88	81.3	26	31
		4.5	450	19.5	5.18	86.3	27	31
		5.0	500	19.8	5.47	91.1	28	32
		5.5	550	20.1	5.78	96.3	29	33
		6.0	600	20.1	6.04	100.6	30	34
28	Black	6.5	650	20.4	6.29	104.8	30	35
		6.9	690	20.7	6.50	108.3	30	35
		3.5	350	19.2	4.86	80.9	26	30
		4.0	400	19.8	5.23	87.1	27	31
		4.5	450	20.1	5.58	93.1	28	32
		5.0	500	20.4	5.92	98.7	28	33
28	Black	5.5	550	21.0	6.29	104.9	28	33
		6.0	600	21.0	6.60	110.0	30	34
		6.5	650	21.3	6.90	115.1	30	35
		6.9	690	21.6	7.15	119.2	31	35
		3.5	350	18.3	5.31	88.5	32	37
		4.0	400	19.2	5.63	93.8	31	35
28	Black	4.5	450	20.1	5.93	98.8	29	34
		5.0	500	20.7	6.21	103.5	29	33
		5.5	550	21.3	6.52	108.6	29	33
		6.0	600	21.3	6.77	112.8	30	34
		6.5	650	21.6	7.01	116.9	30	35
		6.9	690	21.6	7.21	120.2	31	36

* Five standard nozzles included with each sprinkler.

Note:

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

I-25 NOZZLE



Standard

