

I-35

Operating Specifications

- Radius: 14.0 to 21.6 m
- Flow Rate: 1.65 to 7.24 m³/hr; 27.5 to 120.7 l/min
- Recommended pressure range: 2.5 to 7.0 bar; 250 to 700 kPa
- Operating pressure range: 2.5 to 7.0 bar; 250 to 700 kPa
- Precipitation rates: 12 mm/hr approx.
- Nozzle trajectory: 25 degrees













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I-35 Nozzle

Performance Data - Metric

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	
						■	▲
9  Lt. Brown	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
	4.5	450	15.2	2.16	36.0	19	22
	5.0	500	15.5	2.27	37.8	19	22
12  Lt. Blue	3.0	300	15.8	2.38	39.6	19	22
	3.5	350	16.2	2.57	42.8	20	23
	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	3.07	51.2	22	25
	5.5	550	16.8	3.24	54.0	23	27
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	3.0	300	17.4	3.08	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
	5.0	500	18.9	3.91	65.2	22	25
	5.5	550	19.2	4.11	68.5	22	26





21  Dk. Brown	4.0	400	18.6	3.97	66.2	23	27
	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
24  Dk. Green	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
	6.5	650	20.4	6.29	104.8	30	35
27  Dk. Blue	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
	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
30  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
	7.0	700	21.6	7.24	120.7	31	36





Note: All precipitation rates calculated for 180 degree operation.
 For the precipitation rate for a 360 degree sprinkler, divide by 2.



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I-35 High-Speed Nozzle
Performance Data - Metric

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m3/hr	Flow l/min	Precip mm/hr	
						■	▲
9  Lt. Brown	2.5	250	12.5	1.65	27.5	21	24
	3.0	300	12.8	1.81	30.1	22	25
	3.5	350	13.1	1.94	32.3	23	26
	4.0	400	13.4	2.05	34.2	23	26
	4.5	450	13.4	2.16	36.0	24	28
	5.0	500	13.7	2.27	37.8	24	28
12  Lt. Blue	3.0	300	14.3	2.38	39.6	23	27
	3.5	350	14.6	2.57	42.8	24	28
	4.0	400	14.9	2.75	45.7	25	28
	4.5	450	15.2	2.91	48.5	25	29
	5.0	500	15.5	3.07	51.2	25	29
	5.5	550	15.5	3.24	54.0	27	31
15  Grey	3.0	300	14.6	2.86	47.7	27	31
	3.5	350	14.9	3.05	50.8	27	32
	4.0	400	15.2	3.22	53.7	28	32
	4.5	450	15.5	3.38	56.3	28	32
	5.0	500	16.2	3.53	58.8	27	31
	5.5	550	16.5	3.69	61.5	27	31
18  Red	3.0	300	14.9	3.08	51.4	28	32
	3.5	350	15.2	3.31	55.2	29	33
	4.0	400	15.5	3.52	58.7	29	34
	4.5	450	16.2	3.72	62.0	29	33
	5.0	500	16.8	3.91	65.2	28	32
	5.5	550	17.4	4.11	68.5	27	31





21  Dk. Brown	4.0	400	16.2	3.97	66.2	30	35
	4.5	450	16.5	4.20	70.1	31	36
	5.0	500	17.1	4.42	73.7	30	35
	5.5	550	17.7	4.66	77.7	30	34
	6.0	600	17.7	4.86	81.0	31	36
	6.5	650	18.0	5.05	84.2	31	36
24  Dk. Green	4.0	400	17.1	4.88	81.3	33	39
	4.5	450	17.4	5.18	86.3	34	40
	5.0	500	17.7	5.47	91.1	35	40
	5.5	550	18.3	5.78	96.3	35	40
	6.0	600	18.3	6.04	100.6	36	42
	6.5	650	18.6	6.29	104.8	36	42
27  Dk. Blue	4.0	400	17.7	5.23	87.1	33	39
	4.5	450	18.3	5.58	93.1	33	39
	5.0	500	18.9	5.92	98.7	33	38
	5.5	550	19.5	6.29	104.9	33	38
	6.0	600	19.8	6.60	110.0	34	39
	6.5	650	20.1	6.90	115.1	34	39
30  Black	4.5	450	18.0	5.93	98.8	37	42
	5.0	500	18.3	6.21	103.5	37	43
	5.5	550	18.9	6.52	108.6	36	42
	6.0	600	19.5	6.77	112.8	36	41
	6.5	650	19.8	7.01	116.9	36	41
	7.0	700	20.4	7.24	120.7	35	40

Note: All precipitation rates calculated for 180 degree operation.
 For the precipitation rate for a 360 degree sprinkler, divide by 2.



[I-35 Low Pressure Nozzle Rack](#)

**I-35 Low Pressure Nozzle
Performance Data - Metric**

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	
						■	▲
7LP  Orange	2.5	250	13.1	1.60	26.7	19	22
	3.0	300	13.4	1.80	30.0	20	23
	3.5	350	13.7	1.96	32.7	21	24
	4.0	400	14.0	2.11	35.2	21	25
10LP  Lt. Green	2.5	250	14.9	2.16	35.9	19	22
	3.0	300	15.2	2.42	40.4	21	24
	3.5	350	15.5	2.64	44.1	22	25
	4.0	400	16.2	2.85	47.5	22	25
13LP  Lt. Blue	2.5	250	15.8	2.65	44.2	21	24
	3.0	300	16.2	2.97	49.5	23	26
	3.5	350	16.5	3.23	53.8	24	28
	4.0	400	16.8	3.47	57.8	25	29
15LP  Grey	2.5	250	16.5	3.17	52.8	23	27
	3.0	300	16.8	3.55	59.2	25	29
	3.5	350	17.7	3.86	64.4	25	29
	4.0	400	18.3	4.16	69.3	25	29



I-35-06

Overall Height	26 cm
Pop-up Height	15 cm
Exposed Diameter	5 cm
Inlet Size	1" BSP

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