

**I-40  
Nozzle Performance Data – Metric**

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>8</b> Lt. Brown (40)	2.5	250	13.1	1.63	27.2	19	22
	3.0	300	13.4	1.80	30.0	20	23
	3.5	350	13.7	1.94	32.3	21	24
	4.0	400	14.0	2.06	34.4	21	24
	4.5	450	14.0	2.18	36.3	22	26
5.0	500	14.3	2.29	38.2	22	26	
<b>10</b> Lt. Green (41)	3.0	300	14.6	2.20	36.6	21	24
	3.5	350	14.9	2.37	39.4	21	24
	4.0	400	15.2	2.52	42.0	22	25
	4.5	450	15.5	2.67	44.5	22	25
	5.0	500	15.5	2.81	46.8	23	27
5.5	550	15.8	2.96	49.3	24	27	
<b>13</b> Lt. Blue (42)	3.0	300	14.9	2.36	39.4	21	24
	3.5	350	15.2	2.55	42.6	22	25
	4.0	400	15.5	2.73	45.5	23	26
	4.5	450	15.5	2.90	48.3	24	28
	5.0	500	15.8	3.06	51.0	24	28
5.5	550	16.2	3.23	53.9	25	29	
<b>15</b> Grey (43)	3.0	300	16.2	2.93	48.8	22	26
	3.5	350	16.5	3.19	53.2	24	27
	4.0	400	16.8	3.44	57.3	24	28
	4.5	450	17.1	3.67	61.2	25	29
	5.0	500	17.4	3.89	64.9	26	30
5.5	550	18.0	4.14	68.9	26	30	
<b>23</b> Dk. Green (44)	4.0	400	18.9	4.76	79.4	27	31
	4.5	450	19.2	5.03	83.9	27	32
	5.0	500	19.5	5.29	88.1	28	32
	5.5	550	19.8	5.56	92.7	28	33
	6.0	600	20.1	5.79	96.5	29	33
6.5	650	20.1	6.01	100.2	30	34	
<b>25</b> Dk. Blue (45)	4.0	400	20.1	5.33	88.7	26	30
	4.5	450	20.4	5.65	94.2	27	31
	5.0	500	20.7	5.96	99.3	28	32
	5.5	550	21.0	6.29	104.9	28	33
	6.0	600	21.0	6.57	109.6	30	34
6.5	650	21.3	6.84	114.1	30	35	

**I-40 High-Speed  
Nozzle Performance Data – Metric**

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>8</b> Lt. Brown (40)	2.5	250	12.2	1.63	27.2	22	25
	3.0	300	12.5	1.80	30.0	23	27
	3.5	350	12.8	1.94	32.3	24	27
	4.0	400	12.8	2.06	34.4	25	29
	4.5	450	13.1	2.18	36.3	25	29
5.0	500	13.4	2.29	38.2	25	29	
<b>10</b> Lt. Green (41)	3.0	300	13.4	2.20	36.6	24	28
	3.5	350	13.7	2.37	39.4	25	29
	4.0	400	14.0	2.52	42.0	26	30
	4.5	450	14.0	2.67	44.5	27	31
	5.0	500	14.3	2.81	46.8	27	32
5.5	550	14.6	2.96	49.3	28	32	
<b>13</b> Lt. Blue (42)	3.0	300	13.7	2.36	39.4	25	29
	3.5	350	14.0	2.55	42.6	26	30
	4.0	400	14.3	2.73	45.5	27	31
	4.5	450	14.3	2.90	48.3	28	33
	5.0	500	14.6	3.06	51.0	29	33
5.5	550	14.9	3.23	53.9	29	33	
<b>15</b> Grey (43)	3.0	300	15.2	2.93	48.8	25	29
	3.5	350	15.5	3.19	53.2	26	30
	4.0	400	15.8	3.44	57.3	27	32
	4.5	450	15.8	3.67	61.2	29	34
	5.0	500	16.2	3.89	64.9	30	34
5.5	550	16.5	4.14	68.9	31	35	
<b>23</b> Dk. Green (44)	4.0	400	17.4	4.76	79.4	32	36
	4.5	450	17.7	5.03	83.9	32	37
	5.0	500	17.7	5.29	88.1	34	39
	5.5	550	18.0	5.56	92.7	34	40
	6.0	600	18.3	5.79	96.5	35	40
6.5	650	18.6	6.01	100.2	35	40	
<b>25</b> Dk. Blue (45)	4.0	400	18.0	5.33	88.7	33	38
	4.5	450	18.3	5.65	94.2	34	39
	5.0	500	18.6	5.96	99.3	34	40
	5.5	550	18.9	6.29	104.9	35	41
	6.0	600	19.2	6.57	109.6	36	41
6.5	650	19.5	6.84	114.1	36	42	

**I-40 Dual Opposing  
Nozzle Performance Data – Metric**

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m <sup>3</sup> /hr	l/min	■	▲
<b>15</b> Grey	3.0	300	15.2	2.75	45.8	12	14
	3.5	350	15.8	2.91	48.5	12	13
	4.0	400	16.2	3.06	51.0	12	14
	4.5	450	16.8	3.20	53.3	11	13
	5.0	500	17.1	3.32	55.4	11	13
5.5	550	17.4	3.46	57.7	11	13	
<b>18</b> Red	3.0	300	17.4	2.90	48.3	10	11
	3.5	350	17.7	3.15	52.5	10	12
	4.0	400	18.0	3.38	56.4	10	12
	4.5	450	18.0	3.61	60.1	11	13
	5.0	500	18.3	3.82	63.7	11	13
5.5	550	18.9	4.05	67.5	11	13	
<b>20</b> Dk. Brown	4.0	400	18.9	4.26	71.1	12	14
	4.5	450	19.2	4.54	75.6	12	14
	5.0	500	19.5	4.80	80.0	13	15
	5.5	550	20.1	5.08	84.7	13	15
	6.0	600	19.8	5.32	88.7	14	16
6.5	650	20.1	5.55	92.5	14	16	
<b>23</b> Dk. Green	4.0	400	19.5	4.55	75.8	12	14
	4.5	450	19.8	4.85	80.8	12	14
	5.0	500	20.1	5.14	85.6	13	15
	5.5	550	20.4	5.45	90.8	13	15
	6.0	600	20.7	5.71	95.1	13	15
6.5	650	20.7	5.96	99.4	14	16	
<b>25</b> Dk. Blue	4.0	400	20.1	4.92	82.1	12	14
	4.5	450	20.4	5.23	87.2	13	15
	5.0	500	20.7	5.52	92.0	13	14
	5.5	550	21.0	5.84	97.3	13	15
	6.0	600	21.3	6.10	101.7	13	15
6.5	650	21.3	6.36	106.0	14	16	
<b>28</b> Black	4.5	448	21.0	6.38	106.4	14	17
	5.0	496	21.3	6.68	111.3	15	17
	5.5	552	21.9	7.00	116.7	15	17
	6.0	600	22.3	7.27	121.1	15	17
	6.5	648	22.6	7.52	125.3	15	17
7.0	696	23.2	7.76	129.4	14	17	

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