

I-40

Radius: **13.1 to 23.2 m**
 Flow: **1.63 to 6.84 m³/hr; 27.2 to 114.1 l/min**
 Inlet: **1" BSP**

FEATURES

- Models stainless steel riser: 10 cm to 15 cm
 - Arc setting: 50° to 360°
 - Factory installed rubber cover
 - Nozzle choices: 12
 - Nozzle ranges I-40: #8 to #25
 - Nozzle ranges I-40-ON: #15 to #28
 - Through-the-top arc adjustment
 - QuickCheck™ arc mechanism
 - Water lubricated gear-drive
 - Warranty period: 5 years
- ▶ Opposing nozzle 360° model
 - ▶ Automatic arc return
 - ▶ Non-strippable drive
 - ▶ Part- and full-circle in one model
 - ▶ Colour-coded nozzles
 - ▶ Optional reclaimed water ID
 - ▶ Stainless steel riser
 - ▶ Drain check valve (up to 4.5 m of elevation)

OPERATING SPECIFICATIONS

- Radius I-40: 13.1 to 21.3 m
- Radius I-40-ON: 15.2 to 23.2 m
- Flow I-40: 1.63 to 6.84 m³/hr; 27.2 to 114.1 l/min
- Flow I-40-ON: 2.75 to 7.76 m³/hr; 45.8 to 129.4 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: 15 mm/hr approximately
- Nozzle trajectory: 25°

▶ = *Advanced Feature descriptions on page 22*



I-40 Reclaimed
 Available as a factory installed option on all models



I-40 High Speed
 Available as a factory installed option on all models



I-40-04
 Overall height: 20 cm
 Pop-up height: 10 cm
 Exposed diameter: 5 cm
 Inlet size: 1" BSP



I-40-06
 Overall height: 26 cm
 Pop-up height: 15 cm
 Exposed diameter: 5 cm
 Inlet size: 1" BSP

ROTORS

I-40 - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Standard Features	3 Feature Options	4 Nozzle Options
I-40-04-SS = 10 cm Pop-up I-40-06-SS = 15 cm Pop-up	Adjustable arc, stainless steel riser, check valve and 6 nozzles	B = BSP inlet threads R = Reclaimed water ID HS = High speed HS-R = High speed and reclaimed water ID	#8 to #25 = Factory installed nozzle number

I-40-ON - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Standard Features	3 Feature Options	4 Nozzle Options
I-40-04-SS-ON = 10 cm Pop-up I-40-06-SS-ON = 15 cm Pop-up	Full-circle, opposing nozzle, stainless steel riser, check valve and 6 nozzles	B = BSP inlet threads R = Reclaimed water ID ON = Full circle opposing nozzle ON-R = Full circle opposing nozzles, reclaimed water ID	#15 to #28 = Factory installed nozzle number

Examples:

- I-40-04-SS - B = 10 cm Pop-up, BSP inlet threads
- I-40-04-SS - ON-R - B - 23 = 10 cm Pop-up, full-circle opposing nozzles, reclaimed water ID, #23 nozzle, BSP inlet threads
- I-40-06-SS - 15 - B = 15 cm Pop-up, #15 nozzle, BSP inlet threads

ROTORS

I-40 STANDARD NOZZLE PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
8 (40) Lt. Brown	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
5.5	550	14.6	2.41	40.2	23	26	
10 (41) Lt. Green	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
6.0	600	16.2	3.08	51.4	24	27	
13 (42) Lt. Blue	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
6.0	600	16.5	3.38	56.3	25	29	
15 (43) Grey	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
6.0	600	18.3	4.34	72.4	26	30	
6.2	620	18.3	4.43	73.8	26	31	
23 (44) Dk. Green	3.5	350	18.6	4.48	74.6	26	30
	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
6.2	620	20.1	5.89	98.1	29	34	
6.5	650	20.1	6.01	100.2	30	34	
6.9	690	20.4	6.19	103.2	30	34	
25 (45) Dk. Blue	3.5	350	19.8	4.98	83.0	25	29
	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
6.2	620	21.0	6.69	111.5	30	35	
6.5	650	21.3	6.84	114.1	30	35	
6.9	690	21.3	7.07	117.8	31	36	

I-40 HIGH-SPEED NOZZLE PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
8 (40) Lt. Brown	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
5.5	550	13.4	2.41	40.2	27	31	
10 (41) Lt. Green	3.0	300	13.4	2.20	36.6	34	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
6.0	600	14.6	3.08	51.4	29	33	
13 (42) Lt. Blue	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
6.0	600	14.9	3.38	56.3	30	35	
15 (43) Grey	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
6.0	600	16.5	4.34	72.4	32	39	
6.2	620	16.5	4.43	73.8	33	38	
23 (44) Dk. Green	3.5	350	16.8	4.48	74.6	32	37
	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
6.2	620	18.6	5.89	98.1	34	39	
6.5	650	18.6	6.01	100.2	35	40	
6.9	690	18.6	6.19	103.2	36	41	
25 (45) Dk. Blue	3.5	350	17.4	4.98	83.0	33	38
	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
6.2	620	19.5	6.69	111.5	35	41	
6.5	650	19.5	6.84	114.1	36	42	
6.9	690	19.5	7.07	117.8	37	43	



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

I-40 DUAL OPPOSING NOZZLE PERFORMANCE DATA

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m ³ /hr	l/min	■	▲
15 ● 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
	6.0	600	17.7	3.58	59.6	11	13
18 ● 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
	6.0	600	19.2	4.25	70.8	12	13
20 ● Dk. Brown	3.5	350	18.3	3.98	66.2	12	14
	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
	6.2	620	19.8	5.42	90.4	14	16
23 ● Dk. Green	3.5	350	18.9	4.23	70.6	12	14
	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
	6.2	620	20.7	5.82	97.0	14	16
25 ● Dk. Blue	3.5	350	19.5	4.60	76.7	12	14
	4.0	400	20.1	4.92	82.1	12	14
	4.5	450	20.4	5.23	87.2	13	14
	5.0	500	20.7	5.52	92.0	13	15
	5.5	550	21.0	5.84	97.3	13	15
	6.0	600	21.3	6.10	101.7	13	15
	6.2	620	21.3	6.22	103.6	14	16
28 ● Black	3.5	350	19.8	5.73	95.5	15	17
	4.0	400	20.4	6.07	101.1	15	17
	4.5	450	21.0	6.38	106.4	14	17
	5.0	500	21.3	6.68	111.3	15	17
	5.5	550	21.9	7.00	116.7	15	17
	6.0	600	22.3	7.27	121.1	15	17
	6.2	620	22.3	7.38	122.9	15	17
6.5	650	22.6	7.52	125.3	15	17	
6.9	690	23.2	7.73	128.8	14	17	

Note:

Precipitation rates for the ON-Opposing Nozzles models are calculated at 360°.

I-40 NOZZLES



Opposing

Front

Back



I-40 Turf Cup Kit option

Available as a field installed option on all models

I-40 Opposing Nozzle 360° Model

