

# I-40

Radius: **44' to 76'**  
 Flow: **7.6 to 33.7 GPM**  
 Inlet Size: **1"**

## FEATURES

- Models stainless riser: 4", 6"
  - Arc setting: 50 to 360 degrees
  - 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
  - Quick check arc mechanism
  - Water lubricated gear-drive
  - Warranty period: 5 years
- ▶ Opposing nozzle 360 degree model
  - ▶ Automatic arc return
  - ▶ Non-strippable drive
  - ▶ Part- and full-circle in one model
  - ▶ Color-coded nozzles
  - ▶ Reclaimed water ID
  - ▶ Stainless steel riser
  - ▶ Drain check valve (up to 15 ft. of elevation)



**I-40-04**  
 Overall height: 7<sup>7</sup>/<sub>8</sub>"  
 Pop-up height: 4"  
 Exposed diameter: 2"  
 Inlet size: 1"



**I-40-06**  
 Overall height: 10<sup>1</sup>/<sub>4</sub>"  
 Pop-up height: 6"  
 Exposed diameter: 2"  
 Inlet size: 1"

## OPERATING SPECIFICATIONS

- Radius I-40: 44' to 69'
- Radius I-40-ON: 52' to 76'
- Flow I-40: 7.6 to 29.5 GPM
- Flow I-40-ON: 13.0 to 33.7 GPM
- Recommended pressure range: 40 to 100 PSI
- Operating pressure range: 40 to 100 PSI
- Precipitation rates: 0.4 in/hr approx.
- Nozzle trajectory: 25 degrees

▶ = Advanced Feature descriptions on page 14



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

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

1 Model	2 Standard Features	3 Feature Options	4 Nozzle Options
I-40-04-SS = 4" Pop-up	Adjustable arc, stainless steel riser, check valve and 6 nozzles	(blank) = No option HS = High speed HS-R = High-speed and reclaimed water ID R = Reclaimed water ID	#8 to #25 = Factory installed nozzle number

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

1 Opposing Nozzle Model	2 Standard Features	3 Feature Options	4 Nozzle Options
I-40-04-SS-ON = 4" Pop-up I-40-06-SS-ON = 6" Pop-up	Full-circle, opposing nozzle, stainless steel riser, check valve and 6 nozzles	(blank) = No option ON = Full circle opposing nozzles ON-R = Full-circle opposing nozzles and reclaimed water ID HS = High speed HS-R = High speed and reclaimed water ID R = Reclaimed water ID	#15 to #28 = Factory installed nozzle number

**Examples:**

- I-40-04-SS = 4" Pop-up, adjustable arc, stainless steel riser, with check valve
- I-40-04-SS - ON-R - 23 = 4" Pop-up, adjustable arc, stainless steel riser, with check valve, and reclaimed water ID and #23 nozzle
- I-40-06-SS - 15 = 6" Pop-up, adjustable arc, stainless steel riser, with check valve and #15 nozzle

I-40 NOZZLE PERFORMANCE DATA					
Nozzle	Pressure PSI	Radius ft	Flow GPM	Precip in/hr	
				■	▲
8 (40) Lt. Brown	40	44	7.6	0.76	0.87
	50	45	8.4	0.80	0.92
	60	46	9.2	0.84	0.97
10 (41) Lt. Green	50	49	10.3	0.83	0.95
	60	50	11.3	0.87	1.00
	70	51	12.2	0.90	1.04
13 (42) Lt. Blue	50	50	11.1	0.85	0.99
	60	51	12.3	0.91	1.05
	70	52	13.3	0.95	1.08
15 (43) Gray	50	54	13.8	0.91	1.05
	60	55	15.7	1.00	1.15
	70	57	16.6	0.98	1.14
23 (44) Dk. Green	80	59	18.3	1.01	1.17
	60	62	21.3	1.07	1.23
	70	64	23.0	1.08	1.25
25 (45) Dk. Blue	80	65	24.5	1.12	1.29
	90	66	25.9	1.14	1.32
	60	66	23.9	1.06	1.22
25 (45) Dk. Blue	70	67	25.8	1.11	1.28
	80	68	27.7	1.15	1.33
	90	69	29.5	1.19	1.38

I-40 HIGH-SPEED NOZZLE PERFORMANCE DATA					
Nozzle	Pressure PSI	Radius ft	Flow GPM	Precip in/hr	
				■	▲
8 (40) Lt. Brown	40	41	7.6	0.87	1.00
	50	41	8.4	0.96	1.11
	60	42	9.2	1.00	1.16
10 (41) Lt. Green	50	45	10.3	0.98	1.13
	60	46	11.3	1.03	1.19
	70	47	12.2	1.06	1.23
13 (42) Lt. Blue	80	47	13.0	1.13	1.31
	50	46	11.1	1.01	1.17
	60	47	12.3	1.07	1.24
15 (43) Gray	70	48	13.3	1.11	1.28
	80	49	14.2	1.14	1.31
	50	51	13.8	1.02	1.18
15 (43) Gray	60	52	15.7	1.12	1.29
	70	53	16.6	1.14	1.31
	80	54	18.3	1.21	1.40
23 (44) Dk. Green	60	58	21.3	1.22	1.41
	70	59	23.0	1.27	1.47
	80	60	24.5	1.31	1.51
25 (45) Dk. Blue	90	61	25.9	1.34	1.55
	60	59	23.9	1.32	1.53
	70	61	25.8	1.33	1.54
25 (45) Dk. Blue	80	62	27.7	1.39	1.60
	90	63	29.5	1.43	1.65

**I-40 NOZZLES**

Standard/High-Speed



ROTORS



I-40 DUAL OPPOSING NOZZLE PERFORMANCE DATA					
Nozzle	Pressure PSI	Radius ft	Flow GPM	Precip in/hr	
				■	▲
15 Gray	50	52	13.0	0.46	0.53
	60	54	13.2	0.44	0.50
	70	56	14.4	0.44	0.51
	80	57	15.5	0.46	0.53
18 Red	50	58	13.7	0.39	0.45
	60	59	15.2	0.42	0.49
	70	60	16.6	0.44	0.51
20 Dk. Brown	80	62	17.8	0.45	0.51
	60	63	19.1	0.46	0.53
	70	64	20.9	0.49	0.57
23 Dk. Green	80	66	22.3	0.49	0.57
	90	66	23.9	0.53	0.61
	60	65	20.4	0.46	0.54
25 Dk. Blue*	70	66	22.3	0.49	0.57
	80	67	24.0	0.51	0.59
	90	68	25.6	0.53	0.62
25 Dk. Blue*	60	66	22.0	0.49	0.56
	70	68	24.0	0.50	0.58
	80	69	25.9	0.52	0.60
28 Black	90	70	27.2	0.53	0.62
	70	70	28.9	0.57	0.66
	80	72	30.9	0.57	0.66
28 Black	90	74	32.9	0.58	0.67
	100	76	33.7	0.56	0.65

**I-40 NOZZLES**

Opposing



\* Factory-installed nozzle

**Notes:**  
All precipitation rates calculated for 180 degree operation.  
For the precipitation rate for a 360 degree sprinkler, divide by 2. Precipitation rates for the ON-Opposing Nozzle model are calculated at 360 degrees.