

# I-40

Radius: **44' to 76'**  
Flow: **7.6 to 33.7 GPM**

The I-40 Rotor has a comprehensive list of upgraded features that make it the top choice for demanding, large turf projects.

## KEY BENEFITS

- Patented automatic arc return feature returns the turret back to the original arc pattern if vandalized; adjustable arc from 50° to 360°
- Non-strippable drive mechanism is protected from damage if turned in the opposite direction of travel
- Part- and full-circle in one model for flexibility across landscapes and reduced inventory
- Color-coded nozzles make identification easy
- Available opposing nozzle model for even watering in full-circle applications (I-40-ON model)
- Drain Check Valve prevents low-head drainage (up to 15' of elevation)

## OPERATING SPECIFICATIONS

- Nozzle choices: 12
- 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 rate: 0.4 in/hr approximately
- Nozzle trajectory: standard = 25°
- Warranty period: 5 years

## FACTORY-INSTALLED OPTIONS

- Reclaimed water ID
- High-speed rotations

## USER-INSTALLED OPTIONS

- HSJ-1 prefabricated 1" PVC Swing Joint



**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"



### 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 - 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 I-40-06-SS = 6" 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 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	
				■	▲
<b>08</b>  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
<b>10</b>  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
<b>13</b>  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
<b>15</b>  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
<b>23</b>  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
<b>25</b>  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
	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	
				■	▲
<b>08</b>  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
<b>10</b>  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
<b>13</b>  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
<b>15</b>  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
<b>23</b>  Dk. Green	60	52	15.7	1.12	1.29
	70	53	16.6	1.14	1.31
	80	54	18.3	1.21	1.40
<b>25</b>  Dk. Blue	60	58	21.3	1.22	1.41
	70	59	23.0	1.27	1.47
	80	60	24.5	1.31	1.51
	90	61	25.9	1.34	1.55
	60	59	23.9	1.32	1.53
	70	61	25.8	1.33	1.54
	80	62	27.7	1.39	1.60
	90	63	29.5	1.43	1.65



Available as a field-installed option on all models  
P/N TURFCUPKIT140

I-40 DUAL OPPOSING NOZZLE PERFORMANCE DATA					
Nozzle	Pressure PSI	Radius ft	Flow GPM	Precip in/hr	
				■	▲
<b>15</b>  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
<b>18</b>  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
<b>20</b>  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
	80	66	22.3	0.49	0.57
<b>23</b>  Dk. Green	90	66	23.9	0.53	0.61
	60	65	20.4	0.46	0.54
	70	66	22.3	0.49	0.57
<b>25</b>  Dk. Blue	80	67	24.0	0.51	0.59
	90	68	25.6	0.53	0.62
	60	66	22.0	0.49	0.56
<b>28</b>  Black	70	68	24.0	0.50	0.58
	80	69	25.9	0.52	0.60
	90	70	27.2	0.53	0.62
	70	70	28.9	0.57	0.66
	80	72	30.9	0.57	0.66
	90	74	32.9	0.58	0.67
	100	76	33.7	0.56	0.65

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

