

I-40 ROTORS



I-40 Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft	Flow GPM	Precip in/hr ■ ▲
8 Lt. Brown (40)	40 50 60	44 45 46	7.6 8.4 9.2	0.76 0.80 0.84
10 Lt. Green (41)	50 60 80	49 50 51	10.3 11.3 12.2	0.83 0.87 0.90
13 Lt. Blue (42)	50 60 80	50 51 52	11.1 12.3 13.3	0.85 0.91 0.95
15 Gray (43)	50 60 80	54 55 57	13.8 15.7 16.6	0.98 1.00 1.01
23 Dk. Green (44)	60 70 80	62 64 65	21.3 23.0 24.5	1.07 1.08 1.12
25 Dk. Blue (45)	60 70 80 90	66 67 68 69	25.9 26.8 27.7 29.5	1.14 1.15 1.16 1.19

I-40 High-Speed Nozzle Performance Data

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

I-40 Dual Opposing Nozzle Performance Data

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

I-40 Dual Opposing Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft	Flow GPM	Precip in/hr ■ ▲
15 Gray	50 60 70 80	46 47 49 50	13.0 13.2 14.4 15.5	0.59 0.58 0.58 0.60
18 Red	50 60 70 80	49 50 51 52	13.7 15.2 16.6 17.8	0.55 0.59 0.61 0.63
20 Dk. Brown	60 70 80 90	52 53 54 55	19.1 20.9 22.3 23.9	0.68 0.72 0.74 0.77
23 Dk. Green	60 70 80 90	54 55 56 57	20.4 22.3 24.0 25.6	0.68 0.70 0.74 0.76
25 Dk. Blue	60 70 80 90	55 56 57 58	22.0 24.0 25.9 27.2	0.70 0.74 0.76 0.78
28 Black	70 80 90 100	58 59 60 61	28.9 30.9 32.9 33.7	0.83 0.85 0.89 0.86

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

It's Easy to Make Arc Adjustments

All adjustable-arc I-40 Rotors are preset at approximately 180°. They are adjustable with the water on or off. It is recommended that initial adjustments be made before installation.

- Using the palm of your hand, rotate the nozzle turret counterclockwise to the left stop to complete any interrupted rotation cycle.
- Rotate the nozzle turret clockwise to the right stop. This is the fixed side of the arc. The nozzle turret must be held in this position for all arc adjustments.

To Increase the Arc

- Insert the key end of the Hunter Wrench into the adjustment socket.

- While holding the nozzle turret at the right stop, turn the wrench clockwise. Each 360° turn of the wrench increases the arc by 45°.
- Adjust to any arc between 50° and 360°.
- The wrench will stop turning, or there will be a ratcheting noise, when the maximum arc (360°) is reached.
- When set to 360°, the sprinkler will rotate continually counterclockwise.

To Decrease the Arc

- While holding the nozzle turret at the right stop, turn the wrench counterclockwise. Each 360° turn of the wrench decreases the arc by 45°.
- Adjust to any arc between 50° and 360°.

- The wrench will stop turning, or there will be a ratcheting noise, when the minimum arc (40°) is reached.

Adjustment Instructions



hunter.info/adjust

Nozzle Installation Instructions



hunter.info/i40

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

Nozzle	Pressure bar	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	■	▲
8 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	
10 Lt. Green (41)	5.0	500	14.3	2.29	38.2	22	26	
	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	
13 Lt. Blue (42)	5.0	500	15.5	2.81	46.8	23	27	
	5.5	550	15.8	2.96	49.3	24	27	
	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	
15 Grey (43)	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	
	3.0	300	16.2	2.93	48.8	22	26	
	3.5	350	16.5	3.19	53.2	24	27	
23 Dk. Green (44)	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	
	4.0	400	18.9	4.76	79.4	27	31	
25 Dk. Blue (45)	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	

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

Nozzle	Pressure bar	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	■	▲
8 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	
10 Lt. Green (41)	5.0	500	13.4	2.29	38.2	25	29	
	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	
13 Lt. Blue (42)	5.0	500	14.3	2.81	46.8	27	32	
	5.5	550	14.6	2.96	49.3	28	32	
	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	
15 Grey (43)	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	
	3.0	300	15.2	2.93	48.8	25	29	
	3.5	350	15.5	3.19	53.2	26	30	
23 Dk. Green (44)	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	
	4.0	400	17.4	4.76	79.4	32	36	
25 Dk. Blue (45)	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	

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

Nozzle	Pressure bar	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	■	▲
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	
18 Red	5.5	550	17.4	3.46	57.7	11	13	
	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	
20 Dk. Brown	5.0	500	18.3	3.82	63.7	11	13	
	5.5	550	18.9	4.05	67.5	11	13	
	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	
23 Dk. Green	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	
	4.0	400	19.5	4.55	75.8	12	14	
	4.5	450	19.8	4.85	80.8	12	14	
25 Dk. Blue	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	
	4.0	400	20.1	4.92	82.1	12	14	
28 Black	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	
	6.5	650	21.3	6.36	106.0	14	16	

**I-40 High-Speed Dual Opposing
Nozzle Performance Data - Metric**

Nozzle	Pressure bar	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	■	▲
15 Grey	3.0	300	13.7	2.75	45.8	15	17	
	3.5	350	14.0	2.91	48.5	15	17	
	4.0	400	14.3	3.06	51.0	15	17	
	4.5	450	14.6	3.20	53.3	15	17	
	5.0	500	14.9	3.32	55.4	15	17	
18 Red	5.5	550	15.2	3.46	57.7	15	17	
	3.0	300	14.6	2.90	48.3	14	16	
	3.5	350	14.9	3.15	52.5	14	16	
	4.0	400	15.2	3.38	56.4	15	17	
	4.5	450	15.4	3.61	60.1	15	18	
20 Dk. Brown	5.0	500	15.6	3.82	63.7	16	18	
	5.5	550	15.8	4.05	67.5	16	19	
	4.0	400	15.8	4.27	71.1	17	20	
	4.5	450	16.0	4.54	75.6	18	20	
	5.0	500	16.2	4.80	80.0	18	21	
23 Dk. Green	5.5	550	16.4	5.08	84.7	19	22	
	6.0	600	16.6	5.32	88.7	19	22	
	6.5	650	16.9	5.55	92.5	19	22	
	4.0	400	16.5	4.55	75.8	17	19	
	4.5	450	16.7	4.85	80.8	17	20	
25 Dk. Blue	5.0	500	16.9	5.14	85.6	18	21	
	5.5	550	17.1	5.45	90.8	19	22	
	6.0	600	17.3	5.71	95.1	19	22	
	6.5	650	17.6	5.96	99.4	19	22	
	4.0	400	17.6	4.93	82.1	18	20	
28 Black	4.5	450	17.0	5.23	87.2	18	21	
	5.0	500	17.2	5.52	92.0	19	22	
	5.5	550	17.4	5.84	97.3	19	22	
	6.0	600	17.6	6.10	101.7	20	23	
	6.5	650	17.9	6.36	106.0	20	23	

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

COMMERCIAL ROTORS SUPPORT

COMMERCIAL ROTORS - I-40 ROTOR NOZZLE INSTALLATION INSTRUCTIONS

STEP 1



Insert the white key end of the [Hunter Adjustment Wrench](#) into the lifting socket of a pop-up sprinkler. Pull the riser up to gain access to the nozzle socket.

STEP 2



Using the Hunter wrench, loosen the nozzle-retainer/range-adjustment screw. If a nozzle is already installed in the sprinkler, it may now be removed by briefly turning on the water or removing it with pliers.

STEP 3



Discard nozzle if removed with pliers. Slip the desired nozzle into the nozzle socket. Note that the socket is angled up 25°. Tighten the nozzle-retainer/range-adjustment screw.

STEP 4



For opposing I-40 models, repeat steps 1 & 2. Install a smaller secondary nozzle on the opposite side of the rotor. For best nozzle selection, use the second nozzle performance charts in the spec section. [Learn More](#)

The nozzles on both sides must match for optimal performance.

