Hunter®
The Irrigation Innovators

I-60

A large turf rotor that meets the demands of systems with lower pressures and smaller budgets

4" Full Circle

4" Adjustable Arc

Facilities with wide expanses of turf require rotors that can cover great distances. But, the farther the rotors are spread apart, the higher the pressure needs to be to cover the throw. With municipal water supplies, more often than not, the pressure is too low for the rotors to work effectively. Instead of the expense of installing a pump to get the pressure up to an operational level, Hunter offers you a more efficient (cost and performance) way. The I-60 lets you space rotors far enough apart, as is desirable in a large landscape such as a city park or community sports complex. Because it is designed to operate under lower pressure, it's a rotor that makes good economic sense. And, since it uses less water to run, the I-60 also eliminates the need to install larger pipe (another savings for the budget conscious).

PROVEN WATER SAVER

Features & Benefits

Patented Precision Distribution Control™

Assures even coverage at low pressures without the need for a booster pump

6 color-coded nozzles

Truly uniform coverage and fast identification

Stainless-steel riser

Increased durability in harsh soil conditions

Easy arc adjustment (40° – 360°)

Up, down, wet, or dry with through the top convenience

Heavy-duty, water-lubricated gear drive

Enduring reliability, year after year

Patented VStat® self-adjusting stator

No stator rings required, drives with more power and adds years to sprinkler life

Drain check valve for up to 10 feet elevation change

Saves water, reduces liability

Models

I-60 ADS – Adjustable arc (40°–360°)

I-60 36S – Full circle

Dimensions

- Pop-up height: 3" (8 cm)
- Overall height: 8⅜" (21 cm)
- Female inlet: 1" NPT or BSP
- Exposed diameter: 1¾" (4.45 cm)

Operating Specifications

I-60 ADS

- Discharge rate: 6.5 to 20.4 GPM (1.48 to 4.63 m^3/hr; 24.6 to 77.2 l/min)
- Radius: 50' to 66' (15.2 to 20.1 m)
- Recommended pressure range: 40 to 60 PSI (2.8 to 4.1 bars; 275 to 413 kPa)
- Operating pressure range: 20 to 100 PSI (1.4 to 6.9 bars; 137 to 689 kPa)
- Precipitation rates: approximately .29" to .52" (7 mm to 13 mm) per hour
- Nozzle trajectory: 25°

I-60 36S

- Discharge rate: 6.5 to 20.8 GPM (1.48 to 4.72 m^3/hr; 24.6 to 78.7 l/min)
- Radius: 51' to 67' (15.5 to 20.4 m)
- Recommended pressure range: 40 to 60 PSI (2.8 to 4.1 bars; 275 to 413 kPa)
- Operating pressure range: 20 to 100 PSI (1.4 to 6.9 bars; 137 to 689 kPa)
- Precipitation rates: approximately .25" to .55" (6 mm to 14 mm) per hour
- Nozzle trajectory: 25°

Options Available

- Reclaimed water cover
- Factory-installed nozzles

Precision. Distribution. Control. The Name Says It All.

DIFFUSED MODE: Perfect close-in watering.

Pin moves in front of water stream.

DISTANCE MODE: Large radius coverage.

Pin moves away from water stream.

Here is an innovative performance feature that provides you with exactly what it says. The Hunter I-60 rotor boasts a single nozzle design that features Precision Distribution Control™ for reduced turbulence and maximum radius. Thanks to gear-driven pins that intermittently diffuse the stream, Precision Distribution Control creates water-efficient performance while it minimizes runoff and waste. And not only that, but this patented technology will eliminate the need to boost your local water pressures for efficient coverage with expensive and complex pumping systems. So, if you thought the Hunter I-60 was only a long distance specialist, be aware that it delivers exceptional close-in coverage as well.

I-60 ADS Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■	Precip in/hr ▲
7 Orange	40	50'	6.5	0.50	0.58
	50	52'	7.1	0.51	0.58
	60	54'	7.7	0.51	0.59
10 Lt. Green	40	53'	8.5	0.58	0.67
	50	56'	9.5	0.58	0.67
	60	58'	10.2	0.58	0.67
13 Lt. Blue*	40	56'	10.5	0.64	0.74
	50	58'	12.1	0.69	0.80
	60	60'	13.0	0.70	0.80
15 Gray	40	58'	12.5	0.72	0.83
	50	60'	13.9	0.74	0.86
	60	62'	15.1	0.76	0.87
18 Red	40	59'	15.6	0.86	1.00
	50	62'	17.5	0.88	1.01
	60	65'	18.6	0.85	0.98
20 Dk. Brown	40	62'	17.5	0.88	1.01
	50	64'	19.1	0.90	1.04
	60	66'	20.4	0.90	1.04

* Factory-installed nozzle

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

I-60 36S Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■	Precip in/hr ▲
7 Orange	40	51'	6.5	0.24	0.28
	50	54'	7.5	0.25	0.29
	60	56'	8.0	0.25	0.28
10 Lt. Green	40	53'	8.5	0.29	0.34
	50	56'	9.5	0.29	0.34
	60	58'	10.2	0.29	0.34
13 Lt. Blue*	40	56'	10.5	0.32	0.37
	50	58'	12.4	0.35	0.41
	60	60'	13.0	0.35	0.40
15 Gray	40	58'	12.5	0.36	0.41
	50	60'	14.0	0.37	0.43
	60	62'	15.1	0.38	0.44
18 Red	40	59'	15.6	0.43	0.50
	50	62'	17.7	0.44	0.51
	60	65'	18.9	0.43	0.50
20 Dk. Brown	40	62'	17.5	0.44	0.51
	50	64'	19.1	0.45	0.52
	60	67'	20.8	0.45	0.51

Note: To ensure optimum nozzle performance, the rotor should be operated in the "Recommended pressure range". The sprinkler will work normally when used in the "Operating pressure range", but nozzle performance may be reduced.

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced up to 25% with nozzle retaining screw. (This may alter the uniformity of the spray pattern.) Performance data are derived from tests that conform to ASAE Standard S398.1. See Hunter Irrigation Products Catalog for complete ASAE Certification Statement.

SPECIFICATION GUIDE

EXAMPLE: **I-60 - ADS - 18 - B**

MODEL	FEATURES	OPTIONS
I-60 = 3" Pop-up	**ADS, 36S, ARS, 3RS**	**XX** = Complete Set of Nozzles **7 – 20** = Factory-Installed Nozzle Number **B** = BSP Thread

KEY TO FEATURES:

ADS = Adjustable Arc, Stainless Steel Riser, with Check Valve
36S = Full-Circle, Stainless Steel Riser, with Check Valve
ARS = Adjustable Arc, Reclaimed Water, Stainless Steel Riser, with Check Valve
3RS = Full-Circle, Reclaimed Water, Stainless Steel Riser, with Check Valve

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