

Hunter®

I-60 Rotary Sprinklers

I-60

A Large Turf Rotor That Meets the Demands of Systems with Lower Pressures and Smaller Budgets.



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).

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 lifer

Drain check valve for up to 3 meters elevation change

Saves water, reduces liability

Models

I-60 ADS – Adjustable arc (40°–360°)

I-60 36S – Full circle

Dimensions

- Pop-up height: 8 cm
- Overall height: 21 cm
- Female inlet: 1" NPT or BSP
- Exposed diameter: 4 cm

Operating Specifications

I-60 ADS

- Discharge rate: 1.48 to 4.63 m³/hr; 24.6 to 77.2 l/min
- Radius: 15.2 to 20.1 m
- Recommended pressure range: 2.8 to 4.1 bars; 275 to 413 kPa
- Precipitation rates: approximately 7 mm to 13 mm per hour
- Nozzle trajectory: 25°

I-60 36S

- Discharge rate: 1.48 to 4.72 m³/hr; 24.6 to 78.7 l/min
- Radius: 15.5 to 20.4 m
- Recommended pressure range: 2.8 to 4.1 bars; 275 to 413 kPa
- Precipitation rates: approximately 6 mm to 14 mm per hr.
- Nozzle trajectory: 25°

Options Available

- Reclaimed water cover
- Factory-installed nozzles



I-60 ADS Nozzle Performance Data – Metric							
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	
7 Orange	2.8	275	15.2	1.48	24.6	13	15
	3.4	344	15.9	1.61	26.9	13	15
	4.1	413	16.5	1.75	29.1	13	15
10 Lt. Green	2.8	275	16.2	1.93	32.2	15	17
	3.4	344	17.1	2.16	36.0	15	17
	4.1	413	17.7	2.32	38.6	15	17
13 Lt. Blue*	2.8	275	17.1	2.39	39.7	16	19
	3.4	344	17.7	2.75	45.8	18	20
	4.1	413	18.3	2.95	49.2	18	20
15 Gray	2.8	275	17.7	2.84	47.3	18	21
	3.4	344	18.3	3.16	52.6	19	22
	4.1	413	18.9	3.43	57.2	19	22
18 Red	2.8	275	18.0	3.54	59.1	22	25
	3.4	344	18.9	3.98	66.2	22	26
	4.1	413	19.8	4.23	70.4	22	25
20 Dk. Brown	2.8	275	18.9	3.98	66.2	22	26
	3.4	344	19.5	4.34	72.3	23	26
	4.1	413	20.1	4.63	77.2	23	26

* Factory-installed nozzle

Note: All precipitation rates calculated for 180-degree operation.

For the precipitation rate for a 360-degree sprinkler, divide by 2.



I-60 36S Nozzle Performance Data – Metric							
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	
7 Orange	2.8	275	15.5	1.48	24.6	6	7
	3.4	344	16.5	1.70	28.4	6	7
	4.1	413	17.1	1.82	30.3	6	7
10 Lt. Green	2.8	275	16.2	1.93	32.2	7	9
	3.4	344	17.1	2.16	36.0	7	9
	4.1	413	17.7	2.32	38.6	7	9
13 Lt. Blue*	2.8	275	17.1	2.39	39.7	8	9
	3.4	344	17.7	2.82	46.9	9	10
	4.1	413	18.3	2.95	49.2	9	10
15 Gray	2.8	275	17.7	2.84	47.3	9	10
	3.4	344	18.3	3.16	53.0	10	11
	4.1	413	18.9	3.43	57.2	10	11
18 Red	2.8	275	18.0	3.54	59.1	11	13
	3.4	344	18.9	4.02	67.0	11	13
	4.1	413	19.8	4.29	71.5	11	13
20 Dk. Brown	2.8	275	18.9	3.98	66.2	11	13
	3.4	344	19.5	4.34	72.3	11	13
	4.1	413	20.4	4.72	78.7	11	13

* Factory-installed nozzle

Note: All precipitation rates calculated for 360-degree operation.

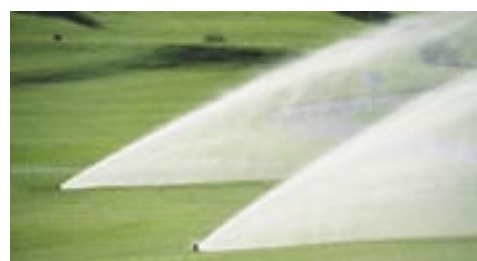
Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 25% with adjustment screw (this may alter the uniformity of the spray pattern).

Performance data are derived from tests that conform to ASAE Standard S398.1. See Hunter Irrigation products catalog for complete ASAE Certification Statement.



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

Here is an innovative performance feature that provides you with exactly what it says. The new 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. With Precision Distribution Control, what you say is what you get.



Diffused Mode: Perfect close-in watering



Distance Mode: Large radius coverage

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 with Check Valve and Stainless Steel Riser

36S = Full-Circle with Check Valve and Stainless Steel Riser

ARS = Adjustable with Check Valve, Reclaimed Water and Stainless Steel Riser

3RS = Full-Circle with Check Valve, Reclaimed Water and Stainless Steel Riser