

Hunter®

I-90 Rotary Sprinklers

Looking for a sprinkler that provides maximum distance for effective coverage of large areas? Check out the I-90, Hunter's latest innovation that provides a radius of up to 29 meters from a single sprinkler. That's a coverage area no other commercial sprinkler can deliver. The I-90 boasts the power of a golf sprinkler without the cumbersome large body and flange. Its reduced-size diameter and cushioned rubber cover makes it perfect for parks, sports fields, wide-open lawn areas and perimeter watering of athletic fields and horse arenas. The I-90 offers ease of



I-90
Longest Distance Rotary Sprinkler for Parks, Sports Fields and Public Areas







service, with a "jar top" body cap that allows quick and easy access to the filter screen and check valve. No extra pieces, parts or tools required. The I-90 is offered in two models – a full-circle opposing-nozzle version as well as an adjustable arc model. Both offer color-coded nozzles that can be field-changed to match the specific needs of your site. And, with one of the smallest exposed surface areas in its class that also includes a heavy-duty rubber cover, the I-90 is the one long-throw rotor available that has been specifically designed to keep playing areas safe.

FEATURES & BENEFITS









- **Extra-thick heavy-duty rubber cover**
Helps keep playing surfaces safe
- **6 color-coded primary nozzles**
Truly uniform coverage and fast identification
- **Jar top serviceability**
Easy access to screen, gear drive and check valve
- **Closed case rotor**
Absolute protection from dirt
- **Proven, heavy-duty gear drive**
Enduring reliability
- **Water activated riser seal**
Clean flushing action and positive retraction
- **Heavy duty stainless steel spring**
Assures positive retraction, time after time
- **Drain check valve to handle elevation change**
Saves water, reduces liability



I-90-36V Full Circle					
Color Coded Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min
 33 Gray	4.1	413	21.6	6.77	112.8
	4.8	482	22.6	7.31	121.9
	5.5	551	23.2	7.81	130.2
	6.2	620	23.8	8.36	139.3
	6.9	689	24.4	8.77	146.1
 38 Red	4.1	413	22.6	7.56	126.0
	4.8	482	23.5	8.20	136.6
	5.5	551	24.1	8.72	145.3
	6.2	620	24.4	9.29	154.8
	6.9	689	25.0	9.72	162.0
 43 Dk. Brown	4.1	413	23.5	8.65	144.2
	4.8	482	24.1	9.29	154.8
	5.5	551	25.0	9.97	166.2
	6.2	620	25.3	10.56	176.0
	6.9	689	25.6	11.02	183.6
 48 Dk. Green	4.8	482	25.0	10.52	175.2
	5.5	551	26.2	11.27	187.7
	6.2	620	27.1	11.92	198.7
	6.9	689	27.4	12.45	207.4
	4.8	482	25.9	11.47	191.1
 53 Dk. Blue*	5.5	551	26.8	12.15	202.5
	6.2	620	27.4	13.04	217.3
	6.9	689	28.0	13.51	225.2
	4.8	482	27.4	13.76	229.4
	5.5	551	28.0	14.35	239.2
 63 Black**	6.2	620	28.7	14.97	249.4
	6.9	689	29.3	15.76	262.7

*Denotes factory-installed nozzle

**Preliminary performance data

I-90-ADV Adjustable Arc					
Color Coded Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min
 33 Gray	4.1	413	20.4	6.97	116.2
	4.8	482	20.4	7.52	125.3
	5.5	551	20.7	8.06	134.4
	6.2	620	21.0	8.56	142.7
	6.9	689	21.3	9.04	150.6
 38 Red	4.1	413	21.0	7.72	128.7
	4.8	482	21.3	8.38	139.7
	5.5	551	21.9	9.04	150.6
	6.2	620	22.3	9.61	160.1
	6.9	689	22.9	10.02	167.0
 43 Dk. Brown	4.1	413	21.3	8.79	146.5
	4.8	482	21.6	9.54	159.0
	5.5	551	21.9	10.11	168.4
	6.2	620	22.3	10.81	180.2
	6.9	689	22.3	10.97	182.8
 48 Dk. Green	4.8	482	22.9	10.67	177.9
	5.5	551	23.5	11.40	190.0
	6.2	620	24.1	12.11	201.7
	6.9	689	24.7	12.72	212.0
	4.8	482	24.1	11.02	183.6
 53 Dk. Blue*	5.5	551	24.7	12.13	202.1
	6.2	620	25.9	12.95	215.7
	6.9	689	26.2	13.51	225.2
	4.8	482	25.6	13.83	230.5
	5.5	551	26.2	14.49	241.5
 63 Black**	6.2	620	26.8	15.10	251.7
	6.9	689	27.4	15.85	264.2

*Denotes factory-installed nozzle

**Preliminary performance data

Data represent test results in zero wind.
Adjust for local conditions.

Performance data are derived from tests that conform to ASAE Standard S398.1.

See Hunter Irrigation products catalog for complete ASAE Certification Statement.

Models

- I-90-36V – Full circle
- I-90-ADV – Adjustable arc (40° – 360°)

Model Variations

- I-90-36V – Full-circle, opposing nozzle, with check valve
- I-90-ADV – Adjustable arc, single nozzle, with check valve
- I-90-3RV – Full-circle, opposing nozzle, reclaimed water with check valve
- I-90-ARV – Adjustable arc, triple nozzle, reclaimed water with check valve

Dimensions

- Pop-up height: 7.6 cm (3")
- Female inlet: 1 1/2" NPT or BSP
- Exposed diameter: 8.9 cm (3 1/2")
- Overall height: 28 cm (11")

Operating Specifications

I-90-36V

- Discharge rate: 113 to 263 l/min (6.77 to 15.76 m³/hr)
- Radius: 21 to 29.3 m
- Pressure range: 4-7 bars (413 to 690 kPa (60 to 100 psi))

I-90-ADV

- Discharge rate: 116 to 264 l/min (6.97 to 15.25 m³/hr)
- Radius: 20.4 to 27.4 m
- Pressure range: 4 to 7 bars (413 to 690 kPa (60 to 100 psi))

Options Available

- Reclaimed water identification
- Factory-installed nozzles
- BSP threads



The Ideal Choice for Parks and Large Spaces

If you're looking for the smallest number of sprinklers to cover the greatest amount of turf, the I-90 is the choice. For sports fields that feature a substantial amount of turf – such as those for soccer, football or lacrosse – the I-90 gives you the ability to place just a few rotors in place and receive complete coverage from perimeter areas. After all, the I-90 is designed to effectively irrigate turf areas that require a sprinkler that distributes water well in excess of 27 meters. Plus, its small exposed surface and rubber cover make it the safe choice as well.

PRODUCT EXPLANATION

EXAMPLE: **I-90 - 36V - 53**

MODEL
I-90 = 7.6 cm (3") Pop-up

FEATURES
ADV, 36V, ARV, 3RV

OPTIONS
XX = Complete set of nozzles
33-63 = Factory-installed nozzle number
B = BSP threads

ADV = Adjustable with check valve
36V = Full-circle with check valve
ARV = Adjustable, reclaimed water with check valve
3RV = Full-circle, reclaimed water with check valve