

Hunter®



Hunter's longest distance rotor specifically designed for parks, sports fields, and public areas

Pushing a radius of over 100 feet, the I-90 boasts coverage no other commercial sprinkler can deliver. With a standard heavy-duty rubber logo cap plus two specialized rubber cover kit options, the I-90 is the perfect choice for parks and wide-open turf areas, as well as perimeter watering of athletic fields and horse arenas. The rotor is also easy to service, with a "jar-top" body cap that allows quick access to the filter screen and check valve with no extra pieces, parts, or tools required. The I-90 is offered in two models: a full-circle model with an opposing-nozzle, and an adjustable arc model. Both models feature color-coded nozzles that can be field-changed to match the specific needs of your site.

Features & Benefits

- **Extra-thick heavy-duty rubber cover** Helps keep playing surfaces safe
- **8 color-coded primary nozzles** Truly uniform coverage and fast identification
- **Jar-Top serviceability** Easy access to screen, gear drive, and valve assemblies
- **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



Adjustable Arc
I-90-ADV

Full-Circle
I-90-36V



Rubber cover kits
(P/N 234200, P/N 234201)

Turf cup kit
(P/N 467955)

I-90 Rotor

Models

I-90 36V: Full circle

I-90 ADV: Adjustable arc (40°–360°)

Dimensions

- Pop-up height: 3"
- Female inlet: 1½" NPT
- Exposed diameter: 3½"
- Overall height: 11"

Operating Specifications

- Radius: 63' to 101'
- Flow rate: 22 to 83 GPM
- Recommended pressure range: 60 to 110 PSI
- Operating pressure range: 50 to 120 PSI
- Precipitation rates: 0.75 in/hr approx.
- Nozzle trajectory: 22.5 degrees

Factory Installed Options

- Nozzles: #25 to #73
- Reclaimed water ID cover

User Installed Options

- Rubber Cover Kit I90-ADV (P/N 234200)
- Rubber Cover Kit I90-36V (P/N 234201)
- Turf Cup Kit (P/N 467955)



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 fewer rotors while maintaining great coverage. After all, the I-90 is designed to effectively irrigate turf areas that require a radius up to 100 feet. Plus, its small exposed surface and rubber cover options make it the safe choice as well.

I-90-ADV Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ▲	
25  Lt. Blue NEW	60	63	22.0	1.07	1.23
	70	64	24.9	1.17	1.35
	80	65	27.5	1.25	1.45
	90	67	28.8	1.24	1.43
	100	68	30.6	1.27	1.47
33  Gray	60	67	30.7	1.32	1.52
	70	67	33.1	1.42	1.64
	80	68	35.5	1.48	1.71
	90	69	37.7	1.52	1.76
	100	70	39.8	1.56	1.81
38  Red	60	69	34.0	1.37	1.59
	70	70	36.9	1.45	1.67
	80	72	39.8	1.48	1.71
	90	73	42.3	1.53	1.76
	100	75	44.1	1.51	1.74
43  Dk. Brown	60	70	38.7	1.52	1.76
	70	71	42.0	1.60	1.85
	80	72	44.5	1.65	1.91
	90	73	47.6	1.72	1.99
	100	73	48.3	1.74	2.01
48  Dk. Green	70	75	47.0	1.61	1.86
	80	77	50.2	1.63	1.88
	90	79	53.3	1.64	1.90
	100	81	56.0	1.64	1.90
	53  Dk. Blue+	70	79	48.5	1.50
80		81	53.4	1.57	1.81
90		85	57.0	1.52	1.75
100		86	59.5	1.55	1.79
63  Black		70	84	60.9	1.66
	80	86	63.8	1.66	1.92
	90	88	66.5	1.65	1.91
	100	90	69.8	1.66	1.92
	73  Orange NEW	80	90	66.9	1.59
90		92	69.7	1.59	1.83
100		95	72.8	1.55	1.79
110		98	76.2	1.53	1.76

I-90-36V Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ▲	
25  Lt. Blue NEW	60	69	25.5	0.52	0.60
	70	71	27.8	0.53	0.61
	80	73	30.2	0.55	0.63
	90	75	31.7	0.54	0.63
	100	77	33.9	0.55	0.64
33  Gray	60	71	29.8	0.57	0.66
	70	74	32.2	0.57	0.65
	80	76	34.4	0.57	0.66
	90	78	36.8	0.58	0.67
	100	80	38.6	0.58	0.67
38  Red	60	74	33.3	0.59	0.68
	70	77	36.1	0.59	0.68
	80	79	38.4	0.59	0.68
	90	80	40.9	0.62	0.71
	100	82	42.8	0.61	0.71
43  Dk. Brown	60	77	38.1	0.62	0.71
	70	79	40.9	0.63	0.73
	80	82	43.9	0.63	0.73
	90	83	46.5	0.65	0.75
	100	84	48.5	0.66	0.76
48  Dk. Green	70	82	46.3	0.66	0.77
	80	86	49.6	0.65	0.75
	90	89	52.5	0.64	0.74
	100	90	54.8	0.65	0.75
	53  Dk. Blue+	70	85	50.5	0.67
80		88	53.5	0.66	0.77
90		90	57.4	0.68	0.79
100		92	59.5	0.68	0.78
63  Black		70	90	60.6	0.72
	80	92	63.2	0.72	0.83
	90	94	65.9	0.72	0.83
	100	96	69.4	0.72	0.84
	73  Orange NEW	80	95	72.1	0.77
90		97	75.9	0.78	0.90
100		99	79.5	0.78	0.90
110		101	83.0	0.78	0.90

* Factory-installed nozzle

** Preliminary performance data

Note: All ADV precipitation rates are calculated for 180-degree operation. For 360-degree rates, divide by 2. Precipitation rates for the 36V model are calculated at 360 degrees.



MODEL	STANDARD FEATURES	FEATURE OPTIONS	NOZZLE OPTIONS
I-90 = 3" pop-up	Plastic riser, check valve, and 8 nozzles	ADV, ARV, 36V, 3RV, ADV = Adjustable arc ARV = Adjustable arc and reclaimed water ID 36V = Full circle, opposing nozzles 3RV = Full circle, opposing nozzles and reclaimed water ID	#25 to #73 = Factory installed nozzle number

EXAMPLES

I-90 - ADV	3" pop-up, adjustable arc
I-90 - 36V - 43	3" pop-up, full circle, opposing nozzles, and #43 nozzle
I-90 - 3RV - 63	3" pop-up, full circle, opposing nozzles, reclaimed water ID, and #63 nozzle