

PLATINUM SPORT SERIES

1" GEAR-DRIVEN ROTOR

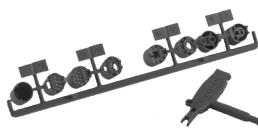


PTSPORT

PTSPORTSS



Top Arc Indicator



Nozzle Tree & Tool

**NO HASSLES
ABOVE
GROUND
OR BELOW IT.**

KEY FEATURES & BENEFITS

FULL 5-INCH (127MM) POP-UP HEIGHT TO NOZZLE

Provides interference-free operation in tall grass

REVERSIBLE CHECK VALVE

Eliminates low-head drainage

STANDARD RUBBER COVER

Provides added protection against debris and keeps playing areas safe

ARCVIEW ARC INDICATOR

Simplifies adjustments

ADJUSTABLE PART-CIRCLE AND UNIDIRECTIONAL FULL-CIRCLE COVERAGE IN ONE UNIT (45°-360°)

Reduces inventory requirements

AUTOMATIC ARC RETURN

Protects against tampering and vandalism

WATER-LUBRICATED GEAR DRIVE ASSEMBLY

Enhances reliability

TOP ADJUST, WET OR DRY

For fast, convenient installation

OPTIONAL STAINLESS STEEL RISER

Helps to deter vandalism and provides longer life

The gear-driven Platinum Sport Series rotor from Irritrol is designed for reliable performance and superior coverage in light commercial and commercial applications. A full 5 3/4-inch pop-up height provides superior coverage in tall grass, while full- and part-circle operation in one unit reduces inventory requirements and increases convenience. Add to this a choice of seven nozzle sizes and it's easy to see why the Platinum Sport Series is quickly becoming an industry favorite. Engineered for endurance, the Platinum Sport Series delivers enhanced reliability and ensures top-notch performance on sports fields and in other high-demand installations. Irritrol. **Get more done.**

ADDED FEATURES

- Threaded cap-retained riser assembly
- Variable reversing stator
- Seven nozzle sizes (7-27 GPM)
- Small, 2.2-inch (56mm) exposed surface diameter
- Optional recycled-water indicator cover
- Nozzle support/breakup screw
- Riser pull-up feature on top of nozzle base
- Adjustment/pull up tool supplied
- Locking cap screw
- Five-year warranty

SPECIFICATIONS

- Precipitation range: (.30"-.55")
- Radius: 49'-79' (14,9-24m)
- Flow rate: 7-30 GPM (26,5-113,6 L/M)
- Recommended operating pressure range: 40-100 psi (2,76-6,89 Bars)
- Optimum operating pressure: 70 psi (4,83 Bars)
- Inlet size: 1" threaded NPT or 1" BSP
- Nozzle trajectory: 25°
- Arc adjustment: 45°-360° (unidirectional at 360°)

DIMENSIONS

- Pop-up height to nozzle: 5" (127mm)
- Body height: 8.8" (224mm)
- Rubber cover diameter: 2.2" (56mm)
- Body diameter: 2.7" (68.6mm)

OPTIONAL ACCESSORIES

- Recycled-water indicator cover

SPECIFYING INFORMATION

	PTSPORT	X	X
MODEL	STAINLESS STEEL	RECYCLED WATER INDICATOR	
PTSPORT	NO	NO	
PTSPORT-NP	NO	YES	
PTSPORTSS	YES	NO	
PTSPORTSS-NP	YES	YES	

FRICTION LOSS DATA

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
7	50	49	7.4	0.59	0.69
	60	50	8.1	0.62	0.72
	70	51	8.8	0.65	0.75
	80	53	9.4	0.64	0.74
	90	53	10.3	0.71	0.82
	100	55	10.7	0.68	0.79
9	50	51	8.3	0.61	0.71
	60	52	8.7	0.62	0.72
	70	53	9.4	0.64	0.74
	80	54	9.9	0.65	0.75
	90	55	10.9	0.69	0.80
	100	56	11.5	0.71	0.82
12	50	51	11.6	0.86	0.99
	60	53	12.7	0.87	1.00
	70	54	13.8	0.91	1.05
	80	55	14.7	0.94	1.08
	90	56	15.6	0.96	1.11
	100	57	16.5	0.98	1.13
16	50	56	15.1	0.93	1.07
	60	59	16.2	0.90	1.03
	70	61	17.5	0.91	1.05
	80	61	18.8	0.97	1.12
	90	63	20.0	0.97	1.12
	100	63	21.1	1.02	1.18
20	50	58	17.5	1.00	1.16
	60	61	19.5	1.01	1.16
	70	61	20.6	1.07	1.23
	80	65	22.2	1.01	1.17
	90	67	23.6	1.01	1.17
	100	67	24.8	1.06	1.23
24	50	60	17.5	0.94	1.08
	60	63	19.3	0.94	1.09
	70	65	20.7	0.94	1.09
	80	67	22.3	0.96	1.10
	90	67	23.8	1.02	1.18
	100	71	25.3	0.97	1.12
27	50	65	23.4	1.07	1.23
	60	73	23.6	0.85	0.98
	70	75	25.8	0.88	1.02
	80	77	27.4	0.89	1.03
	90	78	29.1	0.92	1.06
	100	79	30.6	0.94	1.06

Nozzle	Pressure Bar	Flow GPM +/-10%
7	3.4	1.36
	4.1	1.60
	4.8	1.60
	5.5	1.82
	6.2	1.82
	6.9	2.04
	6.9	2.04
9	3.4	1.60
	4.1	1.82
	4.8	2.04
	5.5	2.04
	6.2	2.04
	6.9	2.27
	6.9	2.27
12	3.4	2.73
	4.1	3.00
	4.8	3.00
	5.5	3.20
	6.2	3.20
	6.9	3.40
	6.9	3.40
16	3.4	3.20
	4.1	3.40
	4.8	3.40
	5.5	3.63
	6.2	3.63
	6.9	3.86
	6.9	3.86
20	3.4	3.86
	4.1	4.10
	4.8	4.54
	5.5	4.77
	6.2	5.22
	6.9	5.45
	6.9	5.45
24	3.4	4.32
	4.1	4.77
	4.8	5.22
	5.5	5.45
	6.2	5.91
	6.9	5.91
	6.9	5.91
27	3.4	5.22
	4.1	5.45
	4.8	5.91
	5.5	6.13
	6.2	6.59
	6.9	6.81
	6.9	6.81

1. Precipitation rates based on half-circle operation
2. ■ square spacing based on 50% diameter of throw
3. ▲ triangular spacing based on 50% diameter of throw

Note: Data collected in zero wind conditions