

# PLATINUM SPORT **SERIES** POP-UP ROTOR

## 1" GEAR-DRIVEN ROTOR



The Irritrol® Platinum Sport Series rotor is designed for reliable performance and superior coverage in light commercial and commercial applications. A full 5 ¾-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.

## KEY FEATURES & BENEFITS

### **FULL 5-INCH POP-UP HEIGHT TO NOZZLE**

Clears 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

## PERFORMANCE DATA

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
7.0	40	46	6.8	0.62	0.72
	50	49	7.4	0.65	0.75
	60	49	8.1	0.68	0.78
	70	50	8.9	0.71	0.82
	80	52	9.7	0.72	0.83
	90	52	10.3	0.73	0.84
9.0	40	47	7.5	0.66	0.76
	50	51	8.3	0.64	0.73
	60	50	8.9	0.66	0.76
	70	52	9.8	0.70	0.81
	80	54	10.5	0.69	0.80
	90	53	11.2	0.71	0.82
12.0	40	50	10.0	0.77	0.89
	50	53	10.5	0.78	0.90
	60	56	11.5	0.79	0.91
	70	59	12.5	0.83	0.96
	80	60	13.5	0.86	0.99
	90	61	14.3	0.88	1.03
16.0	40	52	13.4	0.92	1.06
	50	57	15.0	0.92	1.06
	60	60	15.8	0.90	1.04
	70	61	14.1	0.95	1.09
	80	64	18.4	0.95	1.10
	90	64	19.7	0.98	1.14
20.0	40	52	16.1	1.10	1.27
	50	57	18.4	1.05	1.22
	60	61	19.6	1.05	1.21
	70	64	21.0	1.09	1.26
	80	66	22.6	1.03	1.19
	90	68	24.0	1.06	1.23
24.0	40	54	15.5	1.10	1.27
	50	60	17.7	0.95	1.09
	60	64	19.8	0.96	1.11
	70	66	21.6	0.99	1.14
	80	68	23.2	1.00	1.15
	90	70	24.9	1.04	1.20
27.0	40	55	19.3	1.23	1.42
	50	64	22.0	1.00	1.16
	60	71	23.8	0.91	1.05
	70	72	25.6	0.95	1.10
	80	73	27.3	0.99	1.14
	90	74	29.0	1.02	1.18
100	75	30.5	1.05	1.21	

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



## ADDED FEATURES

- Threaded cap-retained riser assembly
- Variable reversing stator
- Seven nozzle sizes (7-27 GPM); pre-installed with 12.0 nozzle
- Small 2.2" 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

## OPERATING SPECIFICATIONS

- Precipitation rate: .62-1.42 inches per hour
- Radius: 46'-75'
- Flow rate: 6.8-30.5 GPM
- Recommended operating pressure range: 40-100 psi
- Optimum operating pressure: 70 psi
- 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"
- Body height: 8.8"
- Rubber cover diameter: 2.2"
- Body diameter: 2.7"

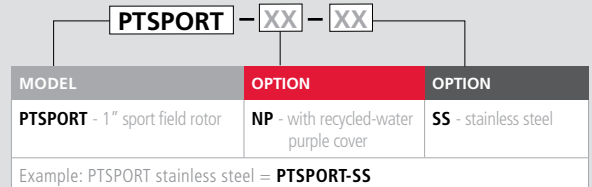
## MODELS

Model	Description
PTSPORT	1" inlet sport field rotor
PTSPORT-SS	1" inlet, stainless steel sport field rotor
PTSPORT-NP	1" inlet sport field rotor w/recycled purple cover
PTSPORT-NP-SS	1" inlet stainless steel with recycle purple cover

## OPTIONAL ACCESSORIES

- Recycled-water indicator cover (purple)

## SPECIFYING INFORMATION



## INDICATOR FEATURE

Top arc indicator allows you to see the arc setting, saving valuable set up time

