

R O T O R

PLATINUM SPORT™ SERIES

R O T O R



R O T O R

PLATINUM SPORT™ SERIES

R O T O R

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.

Additional standard features include a reversible check valve to eliminate low-head drainage and a rubber cover to protect against debris and keep playing fields safe. All adjustments can be made from the top of the rotor—wet or dry—and the ArcView arc indicator simplifies the process even further.

Engineered for endurance, the Platinum Sport Series provides a water-lubricated drive assembly, automatic arc return to protect against tampering and vandalism, and a variable reversing stator, among other features, to enhance reliability and ensure top-notch performance on sports fields and in other high-demand installations.

Irritrol®

PLATINUM SPORT™ SERIES

ROTOR

Key Features and 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 fields 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
- All adjustments can be made from the top of the rotor—wet or dry—for fast, convenient installation

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 recycle-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' (14,9-24,1m)
- Flow rate: 7.4-30.6 GPM (28-115,8 l_M)
- Recommended operating pressure range: 50-100 psi (3,45-6,89 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)

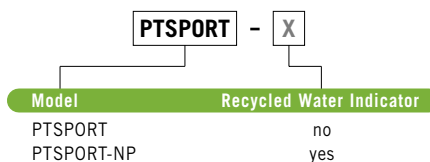
Options

- Recycled-water indicator cover

Nozzle Performance

Nozzle	Pressure psi	Radius ft.	Flow GPM
7	50	49	7.4
	60	50	8.1
	70	51	8.8
	80	53	9.4
	90	53	10.3
9	100	55	10.7
	50	51	8.3
	60	52	8.7
	70	53	9.4
	80	54	9.9
12	90	55	10.9
	100	56	11.5
	50	51	11.6
	60	53	12.7
	70	54	13.8
16	80	55	14.7
	90	56	15.6
	100	57	16.5
	50	56	15.1
	60	59	16.2
20	70	61	17.5
	80	61	18.8
	90	63	20.0
	100	63	21.1
	24	50	58
60		61	19.5
70		61	20.6
80		65	22.2
90		67	23.6
27	100	67	24.8
	50	60	17.5
	60	63	19.3
	70	65	20.7
	80	67	22.3
27	90	67	23.8
	100	71	25.3
	50	65	23.4
	60	73	23.6
	70	75	25.8
27	80	77	27.4
	90	78	29.1
	100	79	30.6

Specifying Information



5825 Jasmine Street, Riverside, CA 92504-1183
 909/785-3140 Fax 909/785-3325
www.irritrol.com