

Irritrol®



Heavy-duty construction combined with a host of convenient features makes this rotor ideal for a broad range of residential and light commercial applications. A complete set of standard and available low-angle (LA) matched precipitation nozzles makes the TITAN the ideal rotor to cover 23' to 45' radius requirements.

TITAN SERIES

IMPACT ROTOR

DOUBLE-WEIGHTED SPRAY GUIDE ARM

Controls stream and prevents side splash onto buildings and walkways

INTERCHANGEABLE, COLOR-CODED MPR NOZZLES

Pre-installed with black 3.0 gpm nozzle (no tools needed to change nozzles):

- 5 standard trajectory nozzles
- 2 low angle (LA) nozzles

HEAVY-DUTY, HIGH IMPACT CASE

With sturdy, reinforced ribbed design

PRESSURE-ACTIVATED WIPER SEAL

Assures reliable pop-up and pop-down

RADIUS REDUCTION SCREW

Allows for up to 25% in-field radius reduction

UNIQUE LIP CASE DESIGN

Aids in setting proper installation height, prevents grass and weeds from growing into head and minimizes backwash

FULL- AND PART-CIRCLE OPERATION

Offers convenience and reduces inventory requirements

REPLACES COMPETITIVE SPRINKLERS

Simple upgrade for other impacts, including Rain Bird®* Maxi-Paw®*

STRAIGHT FLOW-THROUGH PATH

Ensures low pressure loss and positive action—even in very dirty water conditions

*Rain Bird® and Maxi-Paw® are trademarks of Rain Bird Corporation.



COMBINATION ½" OR ¾" IMPACT ROTOR

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OPERATING SPECIFICATIONS

- Filter screen to prevent clogging
- Removable cap for easy servicing and debris removal
- Full- and part-circle adjustable from 20° to 360°
- Radius: 23' - 45'
- Flow rate: 1.50–7.50 GPM
- Recommended operating pressure range: 30–50 psi
- Maximum operating pressure: 60 psi
- Recommended spacing: 22' to 45'
- Trajectory:
 - 18° (Standard)
 - 11° (Low Angle)
- Pop-up to nozzle: 3"
- Combination 1/2" or 3/4" female-threaded bottom inlet
- 1/2" side inlet
- Dimensions:
 - Body diameter: 2 1/2"–5"
 - Cap diameter: 5"
 - Height: 9 3/16"
- Five-year warranty

MODELS

Model	Description
TITAN	Impact Rotor
TITAN-NP	Impact Rotor w/non-potable cover
TITAN-LA	Low Angle (LA) Nozzle Set



Titan Rotor
TITAN



Titan Rotor with
non-potable cover
TITAN-NP

PERFORMANCE DATA*

TITAN ROTOR - Standard Nozzle

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
1.5 (Orange)	30	32	1.5	0.16	0.14
	40	35	1.8	0.16	0.14
	50	36	2.3	0.20	0.17
2.0 (Red)	30	33	2.0	0.20	0.18
	40	37	2.2	0.18	0.15
	50	40	2.5	0.17	0.15
3.0 (black)	30	35	2.9	0.26	0.23
	40	39	3.6	0.26	0.23
	50	41	5.0	0.26	0.23
4.0 (Blue)	30	38	3.8	0.29	0.25
	40	41	4.2	0.28	0.24
	50	42	5.1	0.32	0.28
6.0 (Green)	30	39	5.8	0.42	0.37
	40	43	6.5	0.39	0.34
	50	45	7.5	0.41	0.36

*Precip rate data based on full-circle (360°).

TITAN ROTOR - Low Angle (LA) Nozzle

Nozzle	Pressure psi	Radius ft.	Flow GPM	Precip. ■ in/h	Precip. ▲ in/h
2.0LA (Grey)	30	23	1.8	0.33	0.38
	40	24	2.0	0.33	0.39
	50	25	2.2	0.34	0.39
4.0LA (Yellow)	30	27	3.7	0.49	0.56
	40	30	4.3	0.46	0.53
	50	32	4.8	0.45	0.52

*Precip rate data based on full-circle (360°).

STANDARD NOZZLES



LOW ANGLE(LA) NOZZLES



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