



Count on it.

T7 Series Rotors



Rotors

The Toro® T7 Rotor is built rugged to withstand the harsh conditions and vandalism present in municipal/government, sports fields and commercial rotor applications.

Features & Benefits

Installation and Maintenance Ease

Arc setting indicator on top of the rotor allows for easy wet or dry adjustments from 45°-360°.

High Efficiency Nozzles

Single port design ensures water is evenly distributed across the pattern without putting too much water near the head, which prevents seed from washing away.

Vandal and Abuse Resistance

If tampered with Smart Arc™ returns the rotor to its original arc setting. Non-strippable drive mechanism prevents damage from vandals and equipment.

Design Solutions and Safety

Standard check valve to prevent low head drainage. Small exposed diameter reduces possibility of injury on play areas.

Durability

Heavy duty retract spring and water-lubricated gear drive. Wiper seal reduces stick-ups and wiper seal leaks.



Effluent Options
Available





Standard rubber cover with arc indicator from 45°-360° simplifies installation and service

Specifications

Dimensions

- Pop-up height to nozzle: 5" (127mm)
- Body height: 8.8" (223.5mm)
- Rubber cover diameter: 2.2" (55.9mm)
- Body diameter: 2.7" (68.6mm)

Operating Specifications

- Precipitation rate: .30 -.55 (7.6 - 14.0mm) inches per hour
- Radius: 46'-83' (14,0 - 25,0m)
- Flow rate: 6,7-30.5 GPM (25,4-115,3 LPM)
- Recommended operating pressure range: 40-100 psi (2,8-7,0 Bar)
- Inlet size: 1" (25mm) threaded NPT or 1" (25mm) BSP
- Nozzle trajectory: 25°
- Arc adjustment: 45°-360° (unidirectional at 360°)

Additional Features

- Standard check valve
- Threaded cap-retained riser assembly
- Variable reversing stator
- Seven nozzle sizes -7-27 GPM (26,5-102 LPM)
- Slip clutch
- Nozzle support/breakup screw
- Riser pull-up feature on top of nozzle base
- Adjustment/pull up tool supplied
- Locking cap screw

Options Available

- Stainless steel riser
- Effluent indicator

Warranty

- Five years

T7 Sports Rotor Nozzle Performance Data

Nozzle	Pressure	Flow (lpm)	Radius (m)	Precip, mm/hr ■	Precip, mm/hr ▲
7,0	2,8	25,4	14,0	8,9	7,7
	3,4	28,0	14,5	9,3	8,0
	4,1	30,5	14,8	9,7	8,4
	4,8	33,4	15,5	9,6	8,3
	5,5	36,3	15,8	10,0	8,7
	6,2	38,6	16,2	10,3	8,9
	6,9	40,7	16,5	10,4	9,0
9,0	2,8	28,1	14,3	9,5	8,2
	3,4	31,9	15,5	9,1	7,9
	4,1	32,6	15,8	9,0	7,8
	4,8	36,3	16,0	9,8	8,5
	5,5	39,0	16,5	10,0	8,6
	6,2	41,3	16,8	10,2	8,8
	6,9	43,5	17,1	10,4	9,0
12,0	2,8	35,6	15,2	10,6	9,2
	3,4	39,7	17,1	9,5	8,2
	4,1	43,3	17,7	9,6	8,3
	4,8	47,1	18,3	9,8	8,4
	5,5	50,7	18,6	10,2	8,8
	6,2	53,8	18,9	10,4	9,0
	6,9	57,1	19,2	10,7	9,3
16,0	2,8	49,7	15,8	13,7	11,9
	3,4	55,6	18,0	11,9	10,3
	4,1	59,5	18,6	11,9	10,3
	4,8	64,2	19,2	12,1	10,5
	5,5	69,0	19,8	12,2	10,5
	6,2	73,5	20,1	12,6	10,9
	6,9	77,6	20,7	12,5	10,8
20,0	2,8	60,6	15,8	16,7	14,5
	3,4	69,9	18,0	15,0	13,0
	4,1	74,4	18,6	14,9	12,9
	4,8	79,3	19,8	14,0	12,1
	5,5	85,1	20,7	13,7	11,9
	6,2	90,8	21,0	14,2	12,3
	6,9	95,8	21,6	14,2	12,3
24,0	2,8	59,5	16,0	16,1	13,9
	3,4	67,7	17,8	14,7	12,8
	4,1	74,9	18,7	14,8	12,8
	4,8	81,8	19,8	14,4	12,5
	5,5	87,9	20,7	14,2	12,3
	6,2	94,4	21,0	14,8	12,8
	6,9	100,1	21,6	14,8	12,8
27,0	2,8	70,5	17,1	16,8	14,5
	3,4	80,7	19,5	14,7	12,7
	4,1	89,6	21,3	13,6	11,8
	4,8	96,6	22,9	12,8	11,1
	5,5	102,7	23,5	12,9	11,2
	6,2	109,5	25,0	12,1	10,5
	6,9	115,3	25,3	12,5	10,8

Specifying Information—T7 Sprinkler

T7PXX-XXX			
Descrip.	Optional	Thread	Optional
T7P	SS	02	E
T7P—Sports Rotor	SS—Stainless Steel Riser	02—NPT Thread 52—BSP Thread	E—Effluent
Example: A T7P Sports sprinkler with a stainless steel riser, and NPT thread, would be specified as: T7PSS-02			

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