

T7 Series

- **Inlet Size: 1" (25mm) NPT or BSP**
- **Radius: 46-75' (14,1-22,9m)**
- **Operating Pressure Range: 40-100 psi (2,8 - 6,9 Bar)**

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

Top Arc Indication

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

Smart Arc™ memory safely returns sprinkler to previously set arc if vandalized.

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.



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

- Radius: 46'-75' (14,1 - 22,9m)
- Flow rate: 6.8-30.5 GPM (25,8-115,5 LPM)
- 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 from 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—Metric

Nozzle	Pressure (Bar)	Flow (lpm)	Radius (m)	Precip, mm/hr ■	Precip, mm/hr ▲
7,0	2,8	25,8	14,1	7,87	9,09
	3,4	28,1	14,8	8,21	9,48
	4,1	30,7	14,9	8,60	9,93
	4,8	33,7	15,3	9,07	10,47
	5,5	36,6	15,8	9,09	10,50
	6,2	38,9	15,8	9,29	10,73
	6,9	41,1	16,3	9,10	10,51
9,0	2,8	28,5	14,4	8,35	9,64
	3,4	31,2	15,4	8,07	9,32
	4,1	33,7	15,3	8,38	9,68
	4,8	37,1	15,8	8,87	10,25
	5,5	39,7	16,4	8,80	10,16
	6,2	42,4	16,3	9,06	10,46
	6,9	44,8	16,5	9,23	10,65
12,0	2,8	37,7	15,3	9,74	11,24
	3,4	39,9	16,3	9,92	11,46
	4,1	43,6	17,3	10,04	11,59
	4,8	47,5	18,0	10,52	12,15
	5,5	51,1	18,2	10,92	12,61
	6,2	54,4	18,5	11,22	12,95
	6,9	57,5	19,2	11,43	13,20
16,0	2,8	50,8	16,0	11,68	13,49
	3,4	56,6	17,4	11,67	13,47
	4,1	59,8	18,3	11,48	13,26
	4,8	64,8	18,6	12,03	13,90
	5,5	69,7	19,4	12,10	13,97
	6,2	74,3	19,6	12,50	14,43
	6,9	78,7	20,0	12,82	14,80
20,0	2,8	61,0	15,8	14,02	16,19
	3,4	69,7	17,5	13,38	15,45
	4,1	74,1	18,6	13,29	15,35
	4,8	79,5	19,4	13,81	15,95
	5,5	85,5	20,2	13,07	15,09
	6,2	90,8	20,7	13,47	15,56
	6,9	95,7	21,4	13,78	15,91
24,0	2,8	58,5	16,4	13,99	16,15
	3,4	67,0	18,4	12,02	13,88
	4,1	74,8	19,4	12,18	14,06
	4,8	81,8	20,2	12,51	14,45
	5,5	88,2	20,8	12,69	14,65
	6,2	94,2	21,3	13,16	15,19
	6,9	99,6	22,0	12,76	14,74
27,0	2,8	73,3	16,8	15,66	18,08
	3,4	83,2	19,6	12,72	14,69
	4,1	90,2	21,6	11,56	13,35
	4,8	97,2	22,0	12,11	13,99
	5,5	103,5	22,3	12,55	14,49
	6,2	109,9	22,7	12,97	14,98
	6,9	115,5	22,9	13,27	15,33

Radius shown in meters. Data based on 360°.

T7 Rotor Model List

Model	Description
T7P-52	1" (25mm) Rotor, BSP Thread
T7PSS-52	1" (25mm) Rotor, BSP Thread, Stainless Steel Riser
T7P-02	1" (25mm) Rotor, NPT Thread
T7PSS-02	1" (25mm) Rotor, NPT Thread, Stainless Steel Riser

Specifying Information—T7 Sprinkler

T7PXX-XX-X			
Description	Optional	Thread	Optional
T7P	SS	XX	E
T7P—Sports Rotor	SS—Stainless Steel Riser	02—NPT Thread 52—BSP Thread	E—Effluent

Example: A T7P sprinkler with a stainless steel riser and NPT thread, would be specified as: T7PSS-02