

The 1" inlet Toro® T7 Series rotor is built rugged to withstand the performance and durability requirements of municipal/government, sports fields and large commercial settings. Driven by customer feedback, the T7 Series rotor has been designed and tested to ensure consistent performance and features a full 12,7m (5") pop-up height, a visual top-of-rotor arc adjustment dial, and Smart Arc™ Memory that resets the rotor's arc should it be changed due to vandalism or inexperienced users. Further enhancing its versatility, the T7 Series is also available in Low Flow models for smaller radius, lower flow applications, such as baseball infields.



T7 SERIES ROTORS

FEATURES & BENEFITS

Visual 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 stream.

Vandal and Abuse Resistance

Smart Arc™ memory safely returns the sprinkler to previously set arc if vandalized. An integrated slip clutch prevents the breaking and stripping of gears.

Design Solutions and Safety

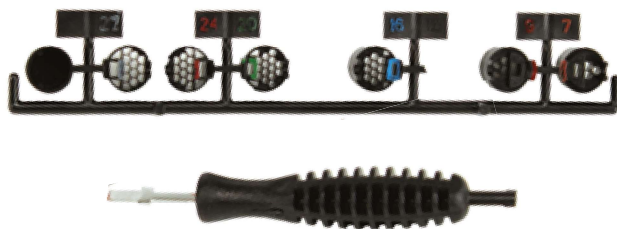
Standard Check-O-Matic Seal prevents low head drainage, and a minimal 2.2" exposed rubber cover diameter reduces the potential for injuries on play areas.

Durability

Heavy-duty retract spring and wiper seal reduce the occurrence of stick-ups and seal leakage, while a water-lubricated gear drive contributes to long-term consistent performance.

Additional Features

- ✓ Standard reversible Check-O-Matic seal
- ✓ Included nozzle trees:
 - Low flow nozzles (2, 3, 4.5, 6, 7.5, and 9)
 - Standard nozzles (7, 9, 12, 16, 20, 24, and 27)
- ✓ Slip clutch
- ✓ Locking cap screw
- ✓ Adjustment/pull up tool included



Effluent Options Available



Check Valve Options Available



SST Riser Options Available



Arc Setting
Visual arc setting dial within rubber cover allows for fast and easy arc adjustments.



SPECIFICATIONS

Operational

- Radius capability:
 - Low flow models—11,6-17,1 m
 - Standard models—14,0-22,9 m
- Flow rates:
 - Low flow models—6,5-48,2 LPM
 - Standard models—25,0-115,5 m
- Operating pressure range: 2,8 - 6,9 Bar
- Recommended operating pressure: 4,1-4,8 Bar
- Inlet size: 1" female BSP
- Nozzle trajectory: 25°
- Arc adjustment: 45°-360° (unidirectional at 360°)

Dimensions

- Pop-up height (measured from top of cap to nozzle): 127mm (5")
- Body height: 220mm (8.8")
- Body diameter: 70mm (2.7")
- Rubber cover diameter: 57mm (2.2")

Available Options

- Stainless Steel riser
- Effluent Lavender rubber cover

Warranty

- Five years

**T7 SPORTS ROTOR NOZZLE PERFORMANCE DATA
HIGH FLOW**

Nozzle	Pressure (Bar)	Flow (LPM)	Radius (m)	Precip mm/hr ■	Precip mm/hr ▲
7.0	2.8	25.8	14.1	7.87	8.97
	3.4	28.1	14.8	8.21	9.36
	4.1	30.7	14.9	8.60	9.81
	4.8	33.7	15.3	9.07	10.34
	5.5	36.6	15.8	9.09	10.37
	6.2	38.9	15.8	9.29	10.59
	6.9	41.1	16.3	9.10	10.37
9.0	2.8	28.5	14.4	8.35	9.52
	3.4	31.2	15.4	8.07	9.20
	4.1	33.7	15.3	8.38	9.55
	4.8	37.1	15.8	8.87	10.12
	5.5	39.7	16.4	8.80	10.04
	6.2	42.4	16.3	9.06	10.33
	6.9	44.8	16.5	9.23	10.52
12.0	2.8	37.7	15.3	9.74	11.10
	3.4	39.9	16.3	9.92	11.32
	4.1	43.6	17.3	10.04	11.45
	4.8	47.5	18.0	10.52	11.99
	5.5	51.1	18.2	10.92	12.45
	6.2	54.4	18.5	11.22	12.79
	6.9	57.5	19.2	11.43	13.03
16.0	2.8	50.8	16.0	11.68	13.32
	3.4	56.6	17.4	11.67	13.30
	4.1	59.8	18.3	11.48	13.09
	4.8	64.8	18.6	12.03	13.72
	5.5	69.7	19.4	12.10	13.80
	6.2	74.3	19.6	12.50	14.25
	6.9	78.7	20.0	12.82	14.62
20.0	2.8	61.0	15.8	14.02	15.99
	3.4	69.7	17.5	13.38	15.26
	4.1	74.1	18.6	13.29	15.16
	4.8	79.5	19.4	13.81	15.75
	5.5	85.5	20.2	13.07	14.90
	6.2	90.8	20.7	13.47	15.36
	6.9	95.7	21.4	13.78	15.71
24.0	2.8	58.5	16.4	13.99	15.95
	3.4	67.0	18.4	12.02	13.70
	4.1	74.8	19.4	12.18	13.88
	4.8	81.8	20.2	12.51	14.27
	5.5	88.2	20.8	12.69	14.47
	6.2	94.2	21.3	13.16	15.00
	6.9	99.6	22.0	12.76	14.55
27.0	2.8	73.3	16.8	15.66	17.86
	3.4	83.2	19.6	12.72	14.51
	4.1	90.2	21.6	11.56	13.18
	4.8	97.2	22.0	12.11	13.81
	5.5	103.5	22.3	12.55	14.31
	6.2	109.9	22.7	12.97	14.79
	6.9	115.5	22.9	13.27	15.13

**T7 SPORTS ROTOR NOZZLE PERFORMANCE DATA
LOW FLOW**

Nozzle	Pressure (Bar)	Flow (LPM)	Radius (m)	Precip mm/hr ■	Precip mm/hr ▲
2.0	2.8	6.5	12.2	2.78	3.17
	3.4	7.4	12.8	3.15	3.59
	4.1	8.2	12.8	3.32	3.78
	4.8	8.9	12.5	3.61	4.11
	5.5	9.6	12.8	3.88	4.43
	6.2	10.3	12.5	3.94	4.50
	6.9	10.9	12.5	4.19	4.78
3.0*	2.8	9.2	12.5	3.91	4.46
	3.4	10.5	12.8	4.23	4.83
	4.1	11.7	12.5	4.51	5.14
	4.8	12.8	12.5	4.92	5.61
	5.5	13.8	12.8	5.05	5.76
	6.2	14.7	12.5	5.15	5.87
	6.9	15.4	13.1	5.37	6.12
4.5	2.8	15.4	11.6	6.89	7.86
	3.4	17.6	12.5	6.77	7.72
	4.1	19.6	12.5	7.52	8.58
	4.8	21.3	12.8	7.82	8.92
	5.5	23.0	12.8	8.43	9.61
	6.2	24.6	13.1	8.59	9.79
	6.9	26.0	13.1	9.10	10.38
6.0	2.8	18.6	13.1	6.51	7.42
	3.4	21.3	14.0	6.51	7.42
	4.1	23.7	14.6	6.66	7.59
	4.8	26.7	15.2	7.18	8.19
	5.5	27.9	14.9	7.51	8.56
	6.2	29.8	15.2	7.70	8.78
	6.9	31.7	15.2	8.19	9.34
7.5	2.8	21.9	13.4	7.30	8.33
	3.4	25.1	14.0	7.66	8.74
	4.1	27.9	14.6	7.82	8.92
	4.8	30.5	15.2	8.20	9.35
	5.5	33.0	15.5	8.54	9.74
	6.2	35.8	15.8	9.26	10.55
	6.9	37.4	15.8	8.95	10.20
9.0	2.8	27.7	13.7	8.85	10.10
	3.4	31.9	14.9	8.60	9.80
	4.1	35.5	15.5	8.83	10.07
	4.8	39.5	16.5	9.08	10.36
	5.5	42.7	16.8	9.11	10.39
	6.2	45.6	16.8	9.74	11.11
	6.9	48.2	17.1	9.94	11.33

When the sprinkler is adjusted to 360°, it will be uni-directional in that direction of rotation (clockwise or counterclockwise) at the moment when the sprinkler was changed to 360°
* Pre-installed nozzle. Data based on 180°.

Specifying Information—T7 Series Rotors

T7PXX-52XX			
Description	Optional	Thread	Optional
T7P	XX	52	XX
T7 Series Rotor	SS-Stainless Steel Riser	52—BSP	E—Effluent L—Low Flow
Example: A low flow T7 Series rotor with a Stainless Steel riser and Effluent rubber cover would be specified as: T7PSS-52LE			