

# The Toro T7 Series 1 inch rotor.



## T7 SERIES 1 INCH ROTORS

PRECISION. PERFORMANCE.

### Features and benefits

**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.

**Durability:** Heavy duty retract spring and debris resistant water lubricated planetary gear drive. The wiper seal reduces stick-ups and flushing leaks on pop-up and retraction.

**Installation and maintenance ease:** Arc setting indicator on top allows for easy wet or dry adjustments from 45° – 360°.

**Vandal and abuse resistant:** Smart Arc™ prevents vandal abuse and damage by returning the rotor to its original arc setting if tampered with.





New 'Honeycomb' Nozzle



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



Debris Resistant Filter



Full 5 inch pop (127mm) towers above taller grass

## Specifications:

### Dimensions

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

### Operating Specifications

- Precipitation rate: 7.6 – 17.4mm
- Radius: 14 – 22.9m (45.9' – 75')
- Flow rate: 25 – 115.8 Lpm
- Recommended operating pressure range: 2.8 – 7.0 Bar (40 – 100 psi)
- Inlet size: 25mm BSP (1")
- 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: 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 Models

### Warranty

- Five years

T7 Professional Rotor Nozzle Performance Data

Nozzle	Pressure (Bar)	Flow Rate (Lpm)	Radius (Metres)	Precip. mm/hr ▲	Precip. mm/hr ■
7.0	2.8	25.0	14.0	8.8	7.6
	3.4	28.0	14.3	9.4	8.2
	4.1	30.7	14.6	9.9	8.6
	4.8	33.3	14.9	10.3	9.0
	5.5	35.6	15.5	10.2	8.8
	6.2	39.0	15.8	10.7	9.3
	6.9	40.5	16.5	10.3	9.0
9.0	2.8	28.0	14.3	9.4	8.2
	3.4	31.4	15.2	9.3	8.1
	4.1	32.9	15.5	9.4	8.2
	4.8	35.6	15.8	9.8	8.5
	5.5	37.5	16.5	9.5	8.3
	6.2	41.3	16.8	10.1	8.8
	6.9	43.5	17.1	10.3	9.0
12.0	2.8	36.0	15.2	10.7	9.3
	3.4	43.9	15.5	12.5	10.9
	4.1	48.1	16.2	12.7	11.1
	4.8	52.2	16.5	13.3	11.6
	5.5	55.6	16.8	13.7	11.9
	6.2	59.0	17.1	14.0	12.2
	6.9	62.5	17.4	14.3	12.4
16.0	2.8	49.2	16.2	13.0	11.3
	3.4	57.2	17.1	13.5	11.8
	4.1	61.3	17.7	13.5	11.8
	4.8	66.2	18.0	14.1	12.3
	5.5	71.2	18.6	14.2	12.4
	6.2	75.7	18.9	14.6	12.7
	6.9	79.9	19.2	14.9	13.0
20.0	2.8	60.6	16.2	16.0	13.9
	3.4	66.2	17.7	14.6	12.7
	4.1	73.8	18.3	15.2	13.2
	4.8	78.0	18.6	15.6	13.5
	5.5	84.0	19.8	14.8	12.8
	6.2	89.3	20.1	15.2	13.2
	6.9	93.9	20.4	15.5	13.5
24.0	2.8	59.8	15.8	16.4	14.3
	3.4	66.2	18.3	13.7	11.9
	4.1	73.1	19.2	13.7	11.9
	4.8	78.3	19.8	13.8	12.0
	5.5	84.4	20.4	14.0	12.1
	6.2	90.1	20.7	14.5	12.6
	6.9	95.8	21.6	14.1	12.3
27.0	2.8	70.8	16.8	17.4	15.1
	3.4	88.6	19.8	15.6	13.5
	4.1	89.3	21.6	13.2	11.4
	4.8	97.7	21.9	14.0	12.2
	5.5	103.7	22.3	14.4	12.6
	6.2	110.1	22.6	14.9	13.0
	6.9	115.8	22.9	15.3	13.3

Specifying information - T7 Professional Rotor

T7PXX-52X			
Descrip.	Optional	Thread	Optional
T7P	SS	52	E
T7P - Sports Rotor	SS - Stainless Steel Riser	52 - BSP Thread	E - Effluent

**Example:** A T7P Sports Sprinkler with a stainless steel riser and bsp thread would be specified as: T7PSS-52

Specifications subject to change without notice. Rev. 05/16

T00301

**For more information, phone  
1300 130 898 or visit [toro.com.au](http://toro.com.au)**