

TORO

T7 SERIES ROTORS

The Toro T7 Series Rotor is built tough to withstand the performance and durability requirements of municipals, sports fields and large commercial settings. Offering a full 127 mm (5") pop-up and high efficiency nozzles, the T7 provides even water distribution across the pattern.

FEATURES & 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. An integrated slip clutch prevents the breaking and stripping of gears.



Effluent
Options
Available

SST Riser
Options
Available

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

T7 SPORTS ROTOR NOZZLE PERFORMANCE DATA

Nozzle	Pressure (kPa)	Flow Rate (lpm)	Radius (metres)*	Precip. Rate (mm/hr) ▲*	Precip. Rate (mm/hr) ■*
7.0	280	25.0	14.0	8.8	7.6
	350	28.0	14.3	9.5	8.2
	420	30.7	14.6	9.9	8.6
	490	33.3	14.9	10.3	9.0
	560	35.6	15.5	10.2	8.8
	630	39.0	15.8	10.8	9.3
	690	40.5	16.5	10.4	9.0
9.0	280	28.0	14.3	9.5	8.2
	350	31.4	15.2	9.4	8.1
	420	32.9	15.5	9.4	8.2
	490	35.6	15.8	9.8	8.5
	560	37.5	16.5	9.6	8.3
	630	41.3	16.8	10.2	8.8
	690	43.5	17.1	10.4	9.0
12.0	280	36.0	15.2	10.7	9.3
	350	43.9	15.5	12.6	10.9
	420	48.1	16.2	12.8	11.1
	490	52.2	16.5	13.4	11.6
	560	55.6	16.8	13.7	11.9
	630	59.0	17.1	14.0	12.2
	690	62.5	17.4	14.3	12.4
16.0	280	49.2	16.2	13.1	11.3
	350	57.2	17.1	13.6	11.8
	420	61.3	17.7	13.6	11.8
	490	66.2	18.0	14.2	12.3
	560	71.2	18.6	14.3	12.4
	630	75.7	18.9	14.7	12.7
	690	79.9	19.2	15.0	13.0
20.0	280	60.6	16.2	16.1	13.9
	350	66.2	17.7	14.7	12.7
	420	73.8	18.3	15.3	13.2
	490	78.0	18.6	15.6	13.5
	560	84.0	19.8	14.8	12.8
	630	89.3	20.1	15.3	13.2
	690	93.9	20.4	15.6	13.5
24.0	280	59.8	15.8	16.5	14.3
	350	66.2	18.3	13.7	11.9
	420	73.1	19.2	13.7	11.9
	490	78.3	19.8	13.8	12.0
	560	84.4	20.4	14.0	12.1
	630	90.1	20.7	14.5	12.6
	690	95.8	21.6	14.2	12.3
27.0	280	70.8	16.8	17.5	15.1
	350	88.6	19.8	15.6	13.5
	420	89.3	21.6	13.2	11.4
	490	97.7	21.9	14.0	12.2
	560	103.7	22.3	14.5	12.6
	630	110.1	22.6	15.0	13.0
	690	115.8	22.9	15.4	13.3

* Radius shown in metres. Data based on 360°

Specifying Information—T7 Series

T7PXX-52X

Description	Optional	Thread	Optional
T7P	XX	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

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
- Flow rate: 25 — 115.8 Lpm
- Recommended operating pressure range: 280 - 700 kPa
- Inlet size: 25mm BSP (1")
- Nozzle trajectory: 25°
- Arc adjustment: 45° — 360° (unidirectional at 360°)

Options Available

- Stainless steel riser
- Effluent Models

Warranty

- Five years



'Honeycomb' Nozzle



Debris Resistant Filter



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



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