

T7 SERIES

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 50°-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.



T7 Rotor Model List	
Model	Description
T7P-52	25 mm (1") Rotor, BSP
T7P-52E	25 mm (1") Rotor, Effluent Indicator, BSP
T7PSS-52	25 mm (1") Stainless Steel Rotor, BSP
T7PSS-52E	25 mm (1") Stainless Steel Rotor, Effluent Indicator, BSP
T7PSS-52L	25 mm (1") Stainless Steel Rotor, BSP, Low Flow
T7PSS-42LE	25 mm (1") Stainless Steel Rotor, Effluent Indicator, ACME, Low Flow

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



T7 SERIES cont.

SPECIFICATIONS

Dimensions

Pop-up Height to Nozzle: 127 mm (5")

Body Height: 220 mm (8¾")

Rubber Cover Diameter: 57 mm (2¼")

Body Diameter: 70 mm (2¾")

Operating Specifications

Precipitation Rate: 7.6 - 17.4 mm per hour

Radius: 14.0 - 22.9 m

Flow Rate: 25-115.8 Lpm

Operating Pressure Range: 280-700 kPa

Inlet Size: 25 mm (1") BSP

Nozzle Trajectory: 25°

Arc Adjustment: 50°-360° (unidirectional at 360°)

Factory installed with #12.0 nozzle

Options Available

Stainless Steel riser

Effluent indicator

Warranty Period

5-Years

T7 Sports Rotor Nozzle Performance Data - Metric					
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
9.0	690	40.5	16.5	10.4	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
12.0	630	41.3	16.8	10.2	8.8
	690	43.5	17.1	10.4	9.0
	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
16.0	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
	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
20.0	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
	280	60.6	16.2	16.1	13.9
	350	66.2	17.7	14.7	12.7
24.0	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
	280	59.8	15.8	16.5	14.3
27.0	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 meters. Data based on 360°.

Specifying Information—T7 Sprinkler

T7PXX-XXXX

T7P	SS	XX	E
Description	Optional	Thread	Optional
T7P—Sports Rotor	SS—Stainless Steel Riser	52—BSP 42—ACME	E—Effluent L—Low Flow

Example: A T7P sprinkler with a stainless steel riser and effluent rubber cover would be specified as **T7PSS-52E**