TORO. Count on it.

T7 SERIES ROTORS

The T7 Series sprinkler is built rugged to withstand the harsh golf course conditions. The low-flow version is perfect for shorter-radius golf course applications like tee boxes, surrounds and perimeters. The T7 has been designed and tested to ensure the high reliability demanded by the market.

Features & Benefits

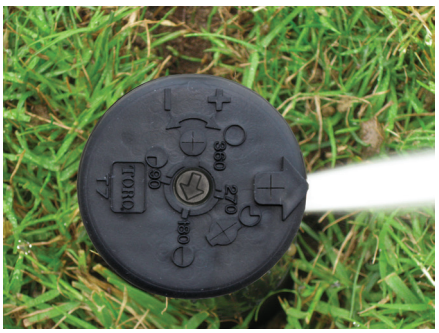
Water is Evenly Distributed
High efficiency nozzles with single port design ensure water is evenly distributed across the pattern.

Versatility
Available in standard and low-flow models to meet your application needs.

Vandal and Abuse Resistant
The Smart Arc memory safely returns the sprinkler to previously set arc even when turned beyond arc borders.

Clears Tall Grasses
The 5.75 inch pop-up ensures proper spray pattern and nozzle distribution uniformity even in taller grasses.

Model Choices
- *Plastic or stainless steel models*
- *Low-Flow or High-Flow models*
- *Effluent water indicator models*



Top Arc Indication
Arc setting indicator on top of the rotor allows for easy wet or dry adjustments. Part or full-circle from 45° to 360°.

Additional Features

- Standard check valve
- Radius reduction screw – up to 25%
- Threaded cap-retained riser assembly
- Variable reversing stator
- Slip clutch
- Riser pull-up feature – adjustment /pull-up tool supplied
- Locking cap screw

Dimensions

- Body diameter: 2.7"
- Body height: 8.8"
- Rubber cover diameter: 2.2"
- Pop-up height to nozzle: 5.75"

Operating Specifications

- Inlet size: 1" threaded ACME
- Radius:
  - Low-flow models: 38' – 53'
  - High-flow models: 46' – 83'
- Flow rate:
  - Low-flow models: 1.7 – 12.7 GPM; 6 nozzle tree included with each head (2, 3, 4.5, 6, 7.5 and 9)
  - High-flow models: 6.8 – 30.5 GPM; 7 nozzle tree included with each head (7, 9, 12, 16, 20, 24 and 27)
- Operating pressure: 40-100 psi
- Arc adjustment: 45° - 360° (unidirectional at 360°)

Warranty

- Five years

Nozzle Performance Data-Low Flow Models

Nozzle	Press. (PSI)	Radius (FT)	Flow Rate (GPM)	Precip Rate (in/hr) ▲	Precip Rate (in/hr) ■
2.0	40	40	1.73	0.25	0.22
	50	42	1.96	0.29	0.25
	60	42	2.17	0.30	0.26
	70	41	2.36	0.33	0.28
	80	42	2.54	0.35	0.31
	90	41	2.71	0.36	0.31
	100	41	2.88	0.38	0.33
3.0*	40	41	2.43	0.36	0.31
	50	42	2.77	0.39	0.33
	60	41	3.10	0.41	0.36
	70	41	3.38	0.45	0.39
	80	42	3.64	0.46	0.40
	90	41	3.89	0.47	0.41
	100	43	4.06	0.49	0.42
4.5	40	38	4.07	0.63	0.54
	50	41	4.65	0.62	0.53
	60	41	5.17	0.68	0.59
	70	42	5.64	0.71	0.62
	80	42	6.08	0.77	0.66
	90	43	6.49	0.78	0.68
	100	43	6.88	0.83	0.72
6.0	40	43	4.92	0.59	0.51
	50	46	5.63	0.59	0.51
	60	48	6.27	0.61	0.52
	70	50	7.05	0.65	0.57
	80	49	7.37	0.68	0.59
	90	50	7.87	0.70	0.61
	100	50	8.37	0.74	0.64
7.5	40	44	5.78	0.66	0.58
	50	46	6.63	0.70	0.60
	60	48	7.37	0.71	0.62
	70	50	8.05	0.75	0.65
	80	51	8.73	0.78	0.67
	90	52	9.46	0.84	0.73
	100	52	9.89	0.81	0.70
9.0	40	45	7.33	0.81	0.70
	50	49	8.44	0.78	0.68
	60	51	9.39	0.80	0.70
	70	54	10.43	0.83	0.72
	80	55	11.27	0.83	0.72
	90	55	12.05	0.89	0.77
	100	56	12.74	0.90	0.78

* Pre-installed nozzle
Data based on 180°

Nozzle Performance Data-High Flow Models

Nozzle	Press. (PSI)	Radius (FT)	Flow Rate (GPM)	Precip Rate (in/hr) ▲	Precip Rate (in/hr) ■
7.0	40	46.3	6.81	0.715	0.620
	50	48.7	7.41	0.746	0.646
	60	49.0	8.10	0.782	0.677
	70	50.3	8.90	0.824	0.714
	80	52.0	9.67	0.827	0.716
	90	52.0	10.27	0.845	0.732
	100	53.3	10.85	0.827	0.716
9.0	40	47.3	7.54	0.759	0.657
	50	50.7	8.25	0.734	0.635
	60	50.3	8.91	0.762	0.660
	70	52.0	9.81	0.807	0.699
	80	53.7	10.49	0.800	0.693
	90	53.3	11.20	0.823	0.713
	100	54.0	11.83	0.839	0.727
12.0*	40	50.3	9.95	0.885	0.767
	50	53.3	10.55	0.902	0.781
	60	56.7	11.53	0.913	0.791
	70	59.0	12.54	0.956	0.828
	80	59.7	13.51	0.993	0.860
	90	60.7	14.38	1.020	0.883
	100	63.0	15.18	1.039	0.900
16.0	40	52.3	13.42	1.062	0.920
	50	57.0	14.96	1.061	0.919
	60	60.0	15.79	1.044	0.904
	70	61.0	17.13	1.094	0.948
	80	63.7	18.41	1.100	0.953
	90	64.3	19.64	1.136	0.984
	100	65.7	20.80	1.166	1.009
20.0	40	52.0	16.10	1.275	1.104
	50	57.3	18.40	1.216	1.053
	60	61.0	19.56	1.209	1.047
	70	63.7	21.01	1.256	1.087
	80	66.3	22.58	1.188	1.029
	90	68.0	23.99	1.225	1.061
	100	70.3	25.29	1.253	1.085
24.0	40	53.7	15.46	1.272	1.101
	50	60.3	17.69	1.093	0.946
	60	63.7	19.76	1.107	0.959
	70	66.3	21.61	1.138	0.985
	80	68.3	23.29	1.154	0.999
	90	70.0	24.87	1.196	1.036
	100	72.3	26.30	1.160	1.005
27.0	40	55.0	19.37	1.424	1.233
	50	64.3	21.98	1.157	1.002
	60	71.0	23.82	1.051	0.910
	70	72.3	25.67	1.101	0.954
	80	73.0	27.34	1.141	0.988
	90	74.3	29.03	1.179	1.021
	100	75.0	30.52	1.207	1.045

Specifying Information—T7 Sprinkler

T7PSS-42XX

Description	Optional	Thread	Optional
T7P	SS	**42**	X
T7P—Sports Rotor	SS—Stainless Steel Riser	ACME Thread	E—Effluent L—Low Flow

Example: A low flow T7P sprinkler with a stainless steel riser and effluent rubber cover would be specified as **T7PSS-42LE**