



The T7 Series sprinkler is built rugged to withstand 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.

### 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





**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°.

### Model Choices

- ✓ Plastic or stainless steel models
- ✓ Low-Flow or High-Flow models
- ✓ Effluent water indicator models

## SPECIFICATIONS

### Operational

- Inlet size: 1" threaded ACME
- Radius:
  - Low-flow models: 38' – 56'
  - High-flow models: 46' – 75'
- Flow rate:
  - Low-flow models: 1.7 – 13.0 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°)

### Dimensions

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

### Warranty

- Five years

### NOZZLE PERFORMANCE DATA-HIGH FLOW MODELS

Nozzle	psi	Radius (ft)	gpm	Precip. Rate (in/hr) ▲	Precip. Rate (in/hr) ■
7.0	40	46	6.6	0.72	0.62
	50	47	7.4	0.75	0.65
	60	48	8.1	0.78	0.68
	70	49	8.8	0.82	0.71
	80	51	9.4	0.83	0.72
	90	52	10.3	0.85	0.73
9.0	100	54	10.7	0.83	0.72
	40	47	7.4	0.76	0.66
	50	50	8.3	0.73	0.64
	60	51	8.7	0.76	0.66
	70	52	9.4	0.81	0.70
	80	54	9.9	0.80	0.69
12.0*	90	55	10.9	0.82	0.71
	100	56	11.5	0.84	0.73
	40	50	9.5	0.89	0.77
	50	51	11.6	0.90	0.78
	60	53	12.7	0.91	0.79
	70	54	13.8	0.96	0.83
16.0	80	55	14.7	0.99	0.86
	90	56	15.6	1.02	0.88
	100	57	16.5	1.04	0.90
	40	53	13.0	1.06	0.92
	50	56	15.1	1.06	0.92
	60	58	16.2	1.04	0.90
20.0	70	59	17.5	1.09	0.95
	80	61	18.8	1.10	0.95
	90	62	20.0	1.14	0.98
	100	63	21.1	1.17	1.01
	40	53	16.0	1.28	1.10
	50	58	17.5	1.22	1.05
24.0	60	60	19.5	1.21	1.05
	70	61	20.6	1.26	1.09
	80	65	22.2	1.19	1.03
	90	66	23.6	1.23	1.06
	100	67	24.8	1.25	1.09
	40	52	15.8	1.27	1.10
27.0	50	60	17.5	1.09	0.95
	60	63	19.3	1.11	0.96
	70	65	20.7	1.14	0.99
	80	67	22.3	1.15	1.00
	90	68	23.8	1.20	1.04
	100	71	25.3	1.16	1.01
27.0	40	55	18.7	1.42	1.23
	50	65	23.4	1.16	1.00
	60	71	23.6	1.05	0.91
	70	72	25.8	1.10	0.95
	80	73	27.4	1.14	0.99
	90	74	29.1	1.18	1.02
100	75	30.6	1.21	1.05	

### NOZZLE PERFORMANCE DATA-LOW FLOW MODELS

Nozzle	psi	Radius (ft)	gpm	Precip. Rate (in/hr) ▲	Precip. Rate (in/hr) ■
2.0	40	39	1.7	0.25	0.22
	50	39	2.0	0.29	0.25
	60	40	2.2	0.30	0.26
	70	40	2.4	0.33	0.28
	80	40	2.6	0.35	0.31
	90	41	2.7	0.36	0.31
3.0*	100	41	2.9	0.38	0.33
	40	39	2.4	0.36	0.31
	50	40	2.8	0.39	0.33
	60	41	3.1	0.41	0.36
	70	41	3.4	0.45	0.39
	80	42	3.6	0.46	0.40
4.5	90	42	3.9	0.47	0.41
	100	43	4.1	0.49	0.42
	40	38	4.1	0.63	0.54
	50	41	4.7	0.62	0.53
	60	41	5.2	0.68	0.59
	70	42	5.7	0.71	0.62
6.0	80	42	6.1	0.77	0.66
	90	43	6.5	0.78	0.68
	100	43	6.9	0.83	0.72
	40	43	5.0	0.59	0.51
	50	46	5.7	0.59	0.51
	60	48	6.3	0.61	0.52
7.5	70	49	7.0	0.65	0.57
	80	49	7.4	0.68	0.59
	90	50	7.9	0.70	0.61
	100	50	8.4	0.74	0.64
	40	44	5.8	0.66	0.58
	50	46	6.7	0.70	0.60
9.0	60	48	7.4	0.71	0.62
	70	49	8.0	0.75	0.65
	80	50	8.8	0.78	0.67
	90	50	9.5	0.84	0.73
	100	52	10.0	0.81	0.70
	40	45	7.4	0.81	0.70
9.0	50	49	8.5	0.78	0.68
	60	51	9.4	0.80	0.70
	70	53	10.4	0.83	0.72
	80	55	11.3	0.83	0.72
	90	55	12.0	0.89	0.77
	100	56	12.8	0.90	0.78

\* 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

T7PSS-42XX			
Description	Optional	Thread	Optional
<b>T7P</b>	<b>SS</b>	<b>42</b>	<b>X</b>
T7P—Sports Rotor	SS—Stainless Steel Riser	42—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**