

T1 TURBO ROTARY SPRINKLER

FEATURES

- 5 year warranty and 100% water tested
- Thick, vandal resistant rubber cover is standard; visible arrows indicate + or – arc adjustment
- Radius adjustment screw decreases radius up to 25%
- "Punch-thru" cover to protect nozzle retaining screw from debris
- Easy-grip threaded cover
- 8 field-changeable nozzles
- Safety clutch for vandal protection; ratchets like a sprayhead
- Adjustable arc from 40-360 degrees
- Pressure activated wiper seal and strong stainless steel spring on pop-up models to ensure positive retraction
- High-tech micro filter protects reversing mechanism
- Streamlined large flow tube to minimize pressure loss through sprinkler
- Impeller flow regulator automatically matches rotation to nozzle selection
- Smooth impeller gear drive for highly uniform watering
- Large area, basket type, removable strainer for debris protection
- Optional check valve holds back 12' (3,7 m/hd) of elevated water

CONSTRUCTION

- High-strength non-corrosive plastics and metals used throughout sprinkler
- Sealed, lubricant packed drive housing provides long life performance

OPTIONS (FACTORY INSTALLED)

- Non-potable cover (add "N" suffix)
- Vandal cover lock (add "XV" suffix)

ACCESSORIES

- T3ST Nozzle install collar
- Check valve (model 148-148)

MODEL SPECIFICATION

T1 Pop-up adjustable arc

T1 DIMENSIONS

Height (closed): 7 5/8" (19,4 cm)
 Pop-up Height: 4" (10,2 cm)
 Inlet: 1/2" IPS



T1

T1 PERFORMANCE

Nozzle	STANDARD					METRIC				
	Pressure psi	Radius ft.	Flow gpm	Precip. in/hr ■	Precip. in/hr ▲	Pressure bar	Radius m	Flow m ³ /hr	Precip. mm/hr ■	Precip. mm/hr ▲
STANDARD ANGLE			18° TRAJECTORY							
0.75	30	16	0.57	0.43	0.50	2.1	4.88	0.13	11	13
	40	17	0.67	0.45	0.52	2.8	5.18	0.15	11	13
	50	17	0.75	0.50	0.58	3.4	5.18	0.17	13	15
1	30	17	0.76	0.51	0.58	2.1	5.18	0.17	13	15
	40	19	0.86	0.46	0.53	2.8	5.79	0.20	12	13
	50	21	1	0.44	0.50	3.4	6.40	0.23	11	13
1.5	30	20	1.2	0.58	0.67	2.1	6.10	0.28	15	17
	40	21	1.4	0.61	0.71	2.8	6.40	0.32	16	18
	50	22	1.5	0.60	0.69	3.4	6.71	0.35	15	18
2	30	23	1.4	0.51	0.59	2.1	7.01	0.32	13	15
	40	25	1.7	0.52	0.60	2.8	7.62	0.39	13	15
	50	27	2	0.53	0.61	3.4	8.23	0.46	13	15
2.5	30	28	1.8	0.44	0.51	2.1	8.53	0.41	11	13
	40	32	2.2	0.41	0.48	2.8	9.75	0.51	11	12
	50	34	2.5	0.42	0.48	3.4	10.36	0.58	11	12
3	30	30	2.3	0.49	0.57	2.1	9.14	0.53	13	14
	40	34	2.8	0.47	0.54	2.8	10.36	0.64	12	14
	50	35	3	0.47	0.54	3.4	10.67	0.69	12	14
4	30	31	3.2	0.64	0.74	2.1	9.45	0.74	16	19
	40	36	3.9	0.58	0.67	2.8	10.97	0.90	15	17
	50	37	4	0.56	0.65	3.4	11.28	0.92	14	17
5	30	33	4.1	0.73	0.84	2.1	10.06	0.94	18	21
	40	37	4.9	0.69	0.80	2.8	11.28	1.13	18	20
	50	40	5.5	0.66	0.76	3.4	12.19	1.27	17	19

■ Square spacing based on 50% of diameter
 ▲ Triangular spacing based on 50% of diameter
 Note: All precipitation rates are calculated for 180° operation.



OPERATING RANGE

Discharge Rate	0.57 gpm – 5.5 gpm
Radius	16' - 40'
Pressure Range	25 psi – 50 psi