

# T5 Series

- **Inlet Size:** 3/4" (20mm)
- **Radius:** 25'-50' (7,6-15,2m)
- **Operating Pressure Range:** 25-70 psi (1,7-4,8 Bar)

The new Toro® T5 Series Rotor has the features to satisfy all your basic irrigation needs while surprising you with a few extras.

## Features & Benefits

### 5" (127mm) Pop-Up

Easily replaces many competitive 4' (100mm) units in the same footprint but delivers an extra inch of pop-up.

### Standard Rubber Cover

The top of the sprinkler is covered with a heavy duty rubber cover to minimize impact injuries and reduce liability.

### Nozzle Tree

The T5 comes with a full nozzle tree of 8 standard nozzles (25°) and 4 low angle nozzles (10°).

### Optional Check Valve

Available with a hold back strength of 7' (2,1m) of elevation change.

### Top Adjust Arc Set

The T5 can be set between a minimum arc set of 40° and a full circle set of 360°. Arc changes are made from the top of the sprinkler while popped up or down by using a small slotted screwdriver.



Effluent  
Options  
Available



Check  
Valve  
Options  
Available



Extensive testing for T5 nozzle efficiency was performed using SPACE calculations

## T5 Series Model List

Model	Description
T5P	5" (127mm) Lawn Pop-up w/o check valve
T5PCK	5" (127mm) Lawn Pop-up w/ check valve
T5PE	5" (127mm) Lawn Pop-up w/o check valve-effluent
T5S	Shrub
T5HP	High-Pop



Stream straighteners align the water flow behind the nozzle.

### Nozzles

Geometry on the face of the nozzle creates breakup.



# Specifications

## Dimensions

	Lawn Pop	Shrub	HP
Body Diameter:	2 1/4" (57mm)	2 1/4" (57mm)	2 1/4" (57mm)
Cap Diameter:	2 5/8" (67mm)	N/A	2 5/8" (67mm)
Height:	7 1/2" (190mm)	7 3/4" (196mm)	16 7/8" (200mm)

## Operating Specifications

- Radius: 25'-50' (7,6-15,2m)
- Flow Rate: .76 – 9.63 GPM (2,8-36,5 LPM)
- Operating Pressure Range: 25-70 PSI (1,7-4,8 Bar)
- Trajectory: 25° standard, 10° low angle
- Pop-up to nozzle: 5" (127mm)
- Inlet: 3/4" (20mm)
- Factory installed with a #3.0 nozzle

## Options Available

- Check valve

## Warranty

- Five years

## T-5 Low Angle Nozzle Performance Data—Metric

Nozzle	Pressure Bar	Radius m.	Flow m³/hr	Flow l/m	Precipitation Rate (mm/hr)	
					■	▲
1.0 LA	1,72	7,62	0,17	2,80	5,79	6,68
	2,00	7,99	0,19	3,10	5,84	6,74
	2,50	8,53	0,22	3,60	5,93	6,84
	3,00	8,53	0,23	3,82	6,29	7,26
	3,50	8,71	0,25	4,12	6,52	7,53
	4,00	8,84	0,27	4,44	6,82	7,88
4,48	8,84	0,28	4,73	7,27	8,39	
1.5 LA	1,72	8,23	0,25	4,16	7,38	8,52
	2,00	8,60	0,27	4,54	7,38	8,52
	2,50	9,18	0,31	5,19	7,39	8,53
	3,00	9,40	0,34	5,66	7,68	8,87
	3,50	9,45	0,38	6,26	8,41	9,71
	4,00	9,45	0,41	6,80	9,13	10,55
4,48	9,45	0,43	7,19	9,67	11,16	
2.0 LA	1,72	8,84	0,32	5,30	8,14	9,40
	2,00	9,08	0,35	5,79	8,41	9,72
	2,50	9,49	0,40	6,67	8,89	10,27
	3,00	9,71	0,45	7,57	9,64	11,14
	3,50	9,93	0,49	8,20	9,98	11,52
	4,00	10,06	0,52	8,75	10,37	11,98
4,48	10,06	0,56	9,27	11,00	12,70	
3.0 LA	1,72	8,84	0,50	8,33	12,79	14,77
	2,00	9,33	0,54	8,93	12,32	14,23
	2,50	10,10	0,60	10,06	11,84	13,67
	3,00	10,32	0,68	11,29	12,73	14,70
	3,50	10,71	0,74	12,31	12,87	14,86
	4,00	10,97	0,79	13,21	13,17	15,21
4,48	10,97	0,84	14,01	13,96	16,12	

## T5 Performance Data—Metric

Nozzle	Pressure Bar	Radius m.	Flow m³/hr	Flow l/m	Precipitation Rate (mm/hr)	
					■	▲
1.5	1,72	10,06	0,26	4,35	5,16	5,96
	2,00	10,18	0,28	4,70	5,44	6,29
	2,50	10,40	0,32	5,32	5,90	6,82
	3,00	10,62	0,35	5,90	6,27	7,25
	3,50	10,67	0,38	6,35	6,69	7,73
	4,00	10,76	0,40	6,75	6,99	8,07
4,48	10,97	0,43	7,12	7,09	8,19	
2.0	1,72	10,67	0,33	5,49	5,79	6,68
	2,00	10,79	0,36	6,02	6,20	7,16
	2,50	11,01	0,42	6,97	6,89	7,96
	3,00	11,23	0,47	7,84	7,46	8,62
	3,50	11,28	0,51	8,42	7,94	9,17
	4,00	11,28	0,54	9,03	8,52	9,83
4,48	11,28	0,59	9,77	9,21	10,64	
2.5	1,72	10,67	0,40	6,62	6,98	8,07
	2,00	10,79	0,44	7,31	7,53	8,70
	2,50	11,01	0,51	8,49	8,41	9,71
	3,00	11,23	0,57	9,46	8,99	10,39
	3,50	11,28	0,61	10,20	9,62	11,11
	4,00	11,28	0,65	10,88	10,27	11,86
4,48	11,28	0,69	11,55	10,89	12,58	
3.0	1,72	10,97	0,50	8,33	8,30	9,58
	2,00	11,22	0,54	8,93	8,52	9,84
	2,50	11,66	0,60	10,06	8,88	10,25
	3,00	12,10	0,68	11,29	9,25	10,68
	3,50	12,19	0,75	12,57	10,15	11,72
	4,00	12,19	0,82	13,64	11,01	12,72
4,48	12,19	0,86	14,38	11,61	13,41	
4.0	1,72	11,28	0,67	11,17	10,54	12,17
	2,00	11,64	0,72	12,08	10,69	12,34
	2,50	12,27	0,82	13,70	10,92	12,61
	3,00	12,71	0,91	15,21	11,30	13,04
	3,50	12,80	0,98	16,28	11,92	13,77
	4,00	12,89	1,04	17,30	12,49	14,42
4,48	13,11	1,10	18,36	12,83	14,81	
5.0	1,72	11,89	0,85	14,20	12,05	13,92
	2,00	12,13	0,92	15,33	12,50	14,44
	2,50	12,57	1,04	17,32	13,15	15,18
	3,00	13,02	1,14	18,97	13,44	15,51
	3,50	13,46	1,24	20,72	13,73	15,86
	4,00	13,72	1,33	22,17	14,14	16,33
4,48	13,72	1,39	23,09	14,73	17,01	
6.0	1,72	11,89	0,95	15,90	13,50	15,59
	2,00	12,38	1,04	17,42	13,65	15,76
	2,50	13,22	1,21	20,09	13,79	15,92
	3,00	13,88	1,35	22,42	13,96	16,12
	3,50	14,20	1,45	24,21	14,42	16,65
	4,00	14,42	1,55	25,86	14,93	17,24
4,48	14,63	1,65	27,44	15,39	17,77	
8.0	1,72	10,97	1,31	21,77	21,69	25,05
	2,00	11,83	1,43	23,81	20,43	23,59
	2,50	13,26	1,64	27,33	18,65	21,54
	3,00	14,14	1,80	29,94	17,96	20,74
	3,50	14,50	1,95	32,44	18,51	21,37
	4,00	14,81	2,08	34,74	18,99	21,93
4,48	15,24	2,20	36,72	18,97	21,91	

1. Precipitation rates based on half-circle operation
2. ■ square spacing based on 50% diameter of throw
3. ▲ triangular spacing based on 50% diameter of throw

## Specifying Information—T5 Sprinkler

T5X-XXXX-CK-X						
Description	Body	Nozzle		Optional	Optional	
T5	P	XXXX		CK	E	
T5— T5	P—Lawn Pop-up S—Shrub HP—High Pop	15—1.5 GPM 20—2.0 GPM 25—2.5 GPM 30—3.0 GPM	40—4.0 GPM 50—5.0 GPM 60—6.0 GPM 80—8.0 GPM	Low Angle Nozzle 10LA—1.0 GPM 15LA—1.5 GPM 20LA—2.0 GPM 30LA—3.0 GPM	CK— Check-O-Matic*	E—Effluent
Example: A T5 Lawn Pop-up sprinkler with a 2.5 nozzle, would be specified as: T5P-25						