

Water Management Highlight

A Winning Combination of Watering Efficiency and Visual Appeal

With this combination of the distinctive and the practical, Stream Rotors offer a unique watering design that results in superior water savings. The exclusive "fingers of water" application takes a flow of water and divides it into smaller streams at different trajectories for a stronger performance all across the landscape. Shorter radii get the coverage needed with enough water still in the main stream to reach longer distances. This also creates a heavier watering stream at the tail end of the spray allowing for greater wind resistance. Toro Stream Rotors deliver uniform water coverage and a visual appeal not found in any other single-stream rotor.

Specifications

Model Description

- 300-00-00 Lawn Pop-up w/o Nozzle
- 300-10-00 Shrub w/o Nozzle
- 300-10-00-COM Shrub with Check Valve w/o Nozzle
- 300-12-00 12" Pop-up w/o Nozzle and Arc Disc

Dimensions

- Body Diameter: 2 3/8"
- Cap Diameter: 3"
- Height:
 - Lawn Pop-up: 6 1/8"
 - High-Pop: 16"
- Shrub Base Diameter: 1 3/4"

Operating Specifications

- Radius: 15' – 30'
- Flow Rate:
 - Lawn Pop-up and High-pop: 0.57 – 7.51 GPM
 - Shrub (COM): 2.07 – 6.36 GPM
- Recommended Operating Pressure Range: 35-50 psi (maximum-75 psi)
- Trajectory: 3 angles to cover short, medium & large radius
- Pop-up to nozzle:
 - Lawn Pop-up: 2 3/4"
 - High-Pop: 11 3/4"
- Inlet (Female-threaded):
 - Lawn Pop-up and High-pop: 3/4"
 - Shrub: 1/2" to 3/4"
- Large basket filter screen

Options Available

- Recycled Water Indicators:
 - 89-7853 — Omni Nozzle Cover (Use with Part No. 300-15)
 - 89-7854 — High-pop Omni Nozzle Cover (Use w/Part No. 300-25)
 - 89-7889 — Rotor Plug
- Check Valve - maintains up to 8' elevation change (shrub com only)
- 35-1344 — Locking cap for Lawn Pop-up models (standard on high-pop models)

Warranty

- Two years



300 Series arc discs come in 9 different selections

300 Series: Shrub w/COM (360° Arc Disc) (Model Nos. 300-10-00COM)

Nozzle	psi	300 Series GPM	Radius
01	50	2.07	14
01	75	2.95	16
02	50	2.48	23
02	75	3.69	25
03	50	4.55	27
03	75	6.24	29
63	50	2.66	28
63	75	3.82	30
93	50	3.64	29
93	75	5.29	31
Omni (Min)	50	2.67	16
Omni (Min)	75	3.95	18
Omni (Max)	50	5.08	30
Omni (Max)	75	6.36	33

300 Series Lawn Pop-up Apex @ 50 psi

Nozzle	27°
	Max. Ht. of Spray
01	4' 10"
02	5' 1"
03	5' 11"
63	7' 0"
93	6' 3"

300 Series: 300-15 and 300-25 Omni™ Adjustable-radius Nozzle Performance Chart

psi	Radius	Precipitation Rate*		GPM										
		△	□	90°	112°	135°	157.7°	180°	202.5°	225°	270°	360°		
35	15	1.69	1.46	0.85	1.06	1.28	1.49	1.70	1.91	2.13	2.55	3.41		
35	18	1.37	1.19	1.00	1.24	1.50	1.75	2.00	2.25	2.50	3.00	4.00		
35	21	1.15	1.00	1.15	1.42	1.72	2.01	2.29	2.58	2.86	3.44	4.58		
35	24	0.99	0.86	1.29	1.60	1.94	2.26	2.58	2.91	3.23	3.88	5.17		
35	26	0.95	0.82	1.44	1.79	2.16	2.52	2.88	3.24	3.60	4.32	5.76		
50	18	1.60	1.38	1.16	1.44	1.74	2.04	2.33	2.62	2.91	3.49	4.65		
50	21	1.35	1.17	1.34	1.66	2.01	2.35	2.68	3.02	3.35	4.02	5.36		
50	24	1.17	1.02	1.52	1.88	2.28	2.66	3.04	3.42	3.80	4.56	6.08		
50	27	1.04	0.90	1.70	2.10	2.55	2.97	3.40	3.82	4.24	5.09	6.79		
50	30	0.93	0.80	1.88	2.33	2.82	3.29	3.75	4.23	4.69	5.63	7.51		

300 Series: Fixed-radius Nozzle Performance Chart

Nozzle	psi	Radius	Precip. Rate*		GPM										
			△	□	90°	112°	135°	157.7°	180°	202.5°	225°	270°	360°		
01	35	16	0.99	0.86	0.57	0.71	0.86	1.00	1.14	1.28	1.43	1.71	2.28		
	50	18	0.99	0.86	0.72	0.90	1.08	1.26	1.44	1.62	1.80	2.16	2.88		
02	35	21	0.73	0.63	0.72	0.90	1.08	1.26	1.44	1.62	1.80	2.16	2.88		
	50	24	0.66	0.57	0.85	1.06	1.28	1.49	1.71	1.92	2.13	2.56	3.41		
03	35	28	0.77	0.67	1.36	1.69	2.04	2.38	2.72	3.05	3.39	4.07	5.43		
	50	30	0.80	0.69	1.61	2.01	2.42	2.82	3.23	3.63	4.03	4.84	6.45		
63§	35	28	0.39	0.33	0.68	0.85	1.02	1.19	1.36	1.53	1.70	2.04	2.72		
	50	30	0.40	0.35	0.81	1.00	1.21	1.41	1.62	1.82	2.02	2.42	3.23		
93§	35	28	0.58	0.50	1.02	1.27	1.53	1.78	2.04	2.29	2.54	3.05	4.07		
	50	30	0.60	0.52	1.21	1.51	1.82	2.12	2.42	2.72	3.03	3.63	4.84		

*△ Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 50% of diameter.
 □ Precipitation rates are for square spacing, shown in inches per hour, calculated at 50% of diameter.
 All performance specifications are based on the stated working pressure available at the base of the sprinkler.
 Radius shown in feet. Data based on 360°.
 § Low gallonage.

Specifying Information—300 Series

3XX-XX-XX-COM-E				
Arc	Body	Nozzle	Optional	Optional
3XX	XX	XX	COM	E
04—90° 05—112° 06—135° 07—157.5° 08—180° 09—202.5° 10—225° 12—270° 16—360°	00—Lawn Pop-up 10—Shrub 12—High-pop	01—Small Radius, 12 Ports 02—Medium Radius, 12 Ports 03—Large Radius, 12 Ports 15—Adjustable Shrub & Lawn Pop-up 21—Small Radius, 12 Ports, High-pop 22—Medium Radius, 12 Ports, High-pop 23—Large Radius, 12 Ports, High-pop 25—Adjustable High-pop 63—Large Radius, 6 Ports, Low GPM* 93—Large Radius, 9 Ports, Low GPM*	COM—Check-O-Matic (COM available on shrub models only)	E—Effluent
Example: A 300 Series Shrub Sprinkler with a 90° arc and an adjustable nozzle, would be specified as: 304-10-15				

* Available on Lawn Pop-up and Shrub only