

TORO.

Count on it.

300 Series Stream Rotor

Rotors

The Stream Rotor 300 Series from Toro® combines a highly distinctive way to irrigate with the reliability you've come to expect. Uniquely designed, Stream Rotors feature multiple rotating streams, a slower precipitation rate and successfully fights wind. The 300 Series utilizes Matched Precipitation Rate (MPR) nozzles ensuring precise, proportional flow for uniform water coverage every time. Interchangeable arc plates and nozzles provide the ultimate in versatility with the ability to cover varying arc requirements from 90 to 360 degrees. Durable plastic and stainless steel construction along with a wide selection of body styles – pop, shrub and high-pop, make the 300 Series ideal for medium to large lawns and ground cover. You can literally see the difference!

Features & Benefits

Unique Multiple Rotating Streams

Provide slow, effective watering, plus you can zone your arcs together, saving time and water.

Matched Precipitation Rate Arc Discs

Ensures uniform delivery of water across each square foot of an irrigated area, resulting in high-precision water application.

Choice Of Six Nozzles And Nine Interchangeable Arc Discs

For maximum versatility covering varying landscape needs (4 separate nozzles for high-pops).

Selection Of Pop-up Heights

3" Lawn Pop-up, shrub and high-pop – to satisfy varying installation requirements.



High-pop nozzle

Shrub and Lawn
Pop-up nozzle

Effluent
Options
Available

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
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- 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

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 Specifications subject to change without notice. For more information, contact your local Toro distributor.
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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*		90° 112° 135° 157.7° 180° 202.5° 225° 270° 360°								
		▣	▣	GPM								
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*		90° 112° 135° 157.7° 180° 202.5° 225° 270° 360°								
			▣	▣	GPM								
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 ** Must be used on High-pop body