

TORO®**300 SERIES MULTI-STREAM ROTOR®****WATER
SMART®**

The 300 Series Multi-Stream Rotor® 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

Provides slow, effective watering, and the ability to couple different arcs on the same zone, which saves 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.



300 Series arc discs come in nine different selections



Effluent
Options
Available



Check
Valve
Options
Available



WATER MANAGEMENT HIGHLIGHT



A Winning Combination of Watering Efficiency and Visual Appeal
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.

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	Precipitation 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.
 * Low gallonage. Radius shown in feet. Data based on 360°.

SPECIFICATIONS

Operational

- Radius: 14'-33'
- Flow Rate:
 - Lawn Pop-up and High pop: 0.57-7.51 gpm
 - Shrub (COM): 2.07-6.36 gpm
- Operating Pressure Range: 35-50 psi
- Pop-up Height 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: Combined 1/2" to 3/4"
- Large basket filter screen

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"

Options Available

- Recycled Water Indicators:
 - Omni Nozzle Cover (Use with Part No. 300-15) (89-7853)
 - High-pop Omni Nozzle Cover (Use with Part No. 300-25) (89-7854)
 - Rotor Plug (89-7889)
- Com Check Seal (89-7561; fits shrub models only)

Warranty

- Two years

300 SERIES SHRUB WITH 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 MULTI-STREAM ROTOR MODEL LIST

Model	Description
300-00-00	Lawn Pop-up without Nozzle
300-10-00	Shrub without Nozzle
300-10-00-COM	Shrub without Nozzle with Check Valve
300-12-00	12" High Pop without Nozzle

Specifying Information—300 Series Multi-Stream Rotor

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°	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 63—Large Radius, 6 Ports, Low gpm* 93—Large Radius, 9 Ports, Low gpm* <i>(COM available on shrub model only)</i>	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.



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