

MultiStream (300 Series)

Toro 300 Series Stream Rotor® Sprinklers

4,6–9,2m (15'–30') Radius

Toro Multi-stream rotors are well known for their visually appealing, multi-stream distribution of water. Ideal for medium-to-large lawn and shrub areas.

Key Features

- Multiple rotating stream pattern allows water to soak into tight soils and slopes without runoff
- True matched precipitation rate nozzles and arc discs
- Choice of six nozzles and-nine interchangeable arc discs
- Planetary, water-lubricated, gear-drive design for longer-life
- Large basket filter screen
- Durable engineering plastic-and stainless-steel construction

Additional Features

Lawn and 300mm (12") Pop-up

- Pop-up design
- Stainless-steel retraction spring
- Wiper seal
- Small surface diameter
- At-grade installation
- 300mm (12") body has side inlet
- Locking cap available

Specifications

- Recommended operating pressure: 2,4–3,5 Bar (35–50 PSI)
- Maximum operating pressure: 5,2 Bar (75 PSI)
- Flow rate: 2–28,5 LPM (0.57–7.51 GPM)
- Fixed-radius models: 5–9,2m (16'–30')
- Omni adjustable-radius models: 4,6–9,2m (15'–30')
- Trajectory: 27°

Lawn Pop-up

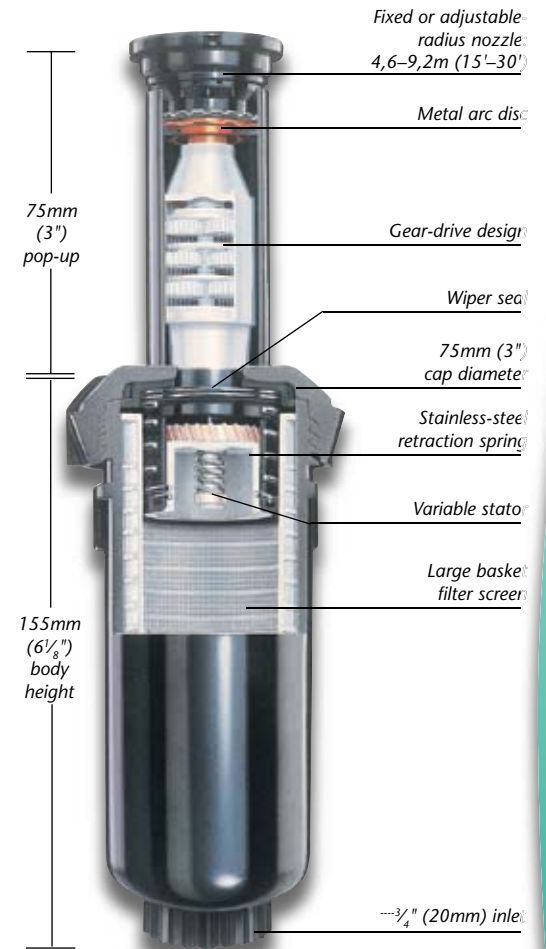
- Pop-up to nozzle: 70mm (2¾")
- 20mm (¾") female-threaded inlet
- Dimensions:
 - Body diameter: 59mm (2⅜")
 - Cap diameter: 75mm (3")
 - Height: 157mm (6⅛")

Shrub

- 13mm (½") and 20mm (¾") female-threaded inlets
- Dimensions:
 - Base diameter: 50mm (2")
 - Height: 150mm (6")
- Check valve maintains up-to 2,4m (8') elevation-change

High-pop

- Pop-up to nozzle: 290mm (11¾")
- 20mm (¾") female-threaded bottom and side inlets
- Side inlet: 180mm (7") from top of sprinkler to center of side inlet
- Dimensions:
 - Body diameter: 59mm (2⅜")
 - Cap diameter: 75mm (3")
 - Height: 405mm (16")



300 Series



Shrub Lawn Pop-up High-pop

Effluent water indicators available

MultiStream (300 Series) Specifying Information			
3XX XX XX COM			
Arc	Body	Nozzle	Optional
00—without Arc Disc	00—LawnPop-up 10—Shrub 12—High-pop	01—Small Radius, 12 Ports 02—Medium Radius, 12 Ports 03—Large Radius, 12 Ports 15—Adjustable Shrub and 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 Flow 93—Large Radius, 9 Ports, Low Flow	COM—Check-O-Matic*
04—90°			E—Effluent
05—112°			
06—135°			
07—157.5°			
08—180°			
09—202.5°			
10—225°			
12—270°			
16—360°			

For Example:
When specifying a 300 Series Shrub Sprinkler with a 90° arc and an adjustable nozzle, you would specify: **304-10-15**

*Available with shrub models only.



MultiStream (300 Series)



Matched precipitation rate refers to uniform delivery of water across each square foot of an irrigated area. The result is high-precision application, and consistently green, healthy landscape.

300 Series Shrub – Metric (360° Arc Disc) (Model No. 300-10-15COM)

Nozzle	Bar	LPM	Radius
01	3,5	7,9	4,3
01	5,0	10,8	4,8
02	3,5	9,5	7,0
02	5,0	13,5	7,6
03	3,5	17,4	8,2
03	5,0	23,0	8,8
63	3,5	10,2	8,6
63	5,0	14,0	9,1
93	3,5	14,0	8,9
93	5,0	19,4	9,4
Omni (Min)	3,5	10,2	4,9
Omni (Min)	5,0	14,5	5,4
Omni (Max)	3,5	21,1	9,2
Omni (Max)	5,0	23,8	10

300 Series Shrub – English (360° Arc Disc) (Model No. 300-10-15COM)

Nozzle	PSI	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	5.55	30
Omni (Max)	75	6.36	33

Apex at 3,5 Bar – Metric

Nozzle	27°
	Maximum Ht. of Spray
01	1,47m
02	1,55m
03	1,8m
63	2,1m
93	1,9m

Apex at 50 PSI – English

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



Omni Nozzle – Adjusts from 4,6 to 9m

300 Fixed-Radius Nozzle Performance Chart – Metric

Nozzle	Bar	kPa	Kg/cm ²	Radius (m)	Prec. Rate* △ □		Flow (at Designated Arcs) (LPM)									
					△	□	360°	270°	225°	202,5°	180°	157,5°	135°	112°	90°	
01	2,5 3,5	250 350	2,6 3,6	4,9 5,5	25,4 22,0	22,0 21,8	8,8	6,6	5,5	4,9	4,4	3,9	3,3	2,8	2,2	
							11,0	8,3	6,9	6,2	5,5	4,8	4,2	3,5	2,8	
02	2,5 3,5	250 350	2,6 3,6	6,5 7,4	18,2 15,7	15,7 14,2	11,1	8,3	6,9	6,2	5,5	4,8	4,2	3,5	2,8	
							13,0	9,8	8,1	7,3	6,5	5,7	4,9	4,1	3,3	
03	2,5 3,5	250 350	2,6 3,6	8,6 9,2	19,5 16,9	16,9 17,4	20,9	15,7	13,1	11,7	10,4	9,1	7,8	6,5	5,2	
							24,6	18,5	15,4	13,8	12,3	10,8	9,2	7,7	6,2	
63§	2,5 3,5	250 350	2,6 3,6	8,6 9,2	9,8 10,1	8,5 8,7	10,5	7,8	6,5	5,9	5,2	4,6	3,9	3,3	2,6	
							12,3	9,2	7,7	6,9	6,2	5,4	4,6	3,9	3,9	
93§	2,5 3,5	250 350	2,6 3,6	8,6 9,2	14,7 15,1	12,7 13,1	15,7	11,7	9,8	8,8	7,8	6,9	5,7	4,9	3,9	
							18,5	13,9	11,5	10,4	9,2	8,1	6,9	5,8	4,6	

Omni™ Adjustable Radius Nozzle Performance Chart Standard – Metric

Pressure	Bar	(kPa)	Radius (m)	Prec. Rate* △ □		Flow (at Designated Arcs) (LPM)									
				△	□	360°	270°	225°	202,5°	180°	157,5°	135°	112°	90°	
2,5	250	2,55	4,5	44,1	38,2	12,9	9,7	8,1	7,3	6,5	5,7	4,9	4,0	3,2	
			5	39,0	33,8	14,1	10,6	8,8	8,0	7,1	6,2	5,3	4,4	3,5	
			6	31,9	27,6	16,6	12,5	10,4	9,3	8,3	7,3	6,2	5,2	4,2	
			7	27,0	23,3	19,1	14,3	11,9	10,7	9,6	8,4	7,2	5,9	4,8	
3,5	350	3,57	8	24,0	20,8	22,2	16,7	13,9	12,5	11,1	9,7	8,3	6,9	5,6	
			6	36,9	31,9	19,2	14,4	12,0	10,8	9,6	8,4	7,2	6,0	4,8	
			7	31,3	27,1	22,2	16,7	13,9	12,5	11,1	9,7	8,3	6,9	5,6	
			8	27,2	23,6	25,2	18,9	15,7	14,2	12,6	11,0	9,4	7,8	6,3	
			9	24,1	20,9	28,2	21,1	17,6	15,8	14,1	12,3	10,6	8,8	7,0	
			10	21,6	18,7	31,2	23,4	19,5	17,5	15,6	13,6	11,7	9,7	7,8	

300 Fixed-Radius Nozzle Performance Chart – English

Nozzle	PSI	Radius (ft)	Prec. Rate* △ □		Flow (at Designated Arcs) (GPM)									
			△	□	360°	270°	225°	202,5°	180°	157,5°	135°	112°	90°	
01	35 50	16' 18'	0,99	0,86	2,28	1,71	1,43	1,28	1,14	1,00	0,86	0,71	0,57	
			0,99	0,86	2,88	2,16	1,80	1,62	1,44	1,26	1,08	0,90	0,72	
02	35 50	21' 24'	0,73	0,63	2,88	2,16	1,80	1,62	1,44	1,26	1,08	0,90	0,72	
			0,66	0,57	3,41	2,56	2,13	1,92	1,71	1,49	1,28	1,06	0,85	
03	35 50	28' 30'	0,77	0,67	5,43	4,07	3,39	3,05	2,72	2,38	2,04	1,69	1,36	
			0,80	0,69	6,45	4,84	4,03	3,63	3,23	2,82	2,42	2,01	1,61	
63§	35 50	28' 30'	0,39	0,33	2,72	2,04	1,70	1,53	1,36	1,19	1,02	0,85	0,68	
			0,40	0,35	3,23	2,42	2,02	1,82	1,62	1,41	1,21	1,00	0,81	
93§	35 50	28' 30'	0,58	0,50	4,07	3,05	2,54	2,29	2,04	1,78	1,53	1,27	1,02	
			0,60	0,52	4,84	3,63	3,03	2,72	2,42	2,12	1,82	1,51	1,21	

Omni™ Adjustable Radius Nozzle Performance Chart Standard – English

Pressure	PSI	Radius (ft)	Prec. Rate* △ □		Flow (at Designated Arcs) (GPM)									
			△	□	360°	270°	225°	202,5°	180°	157,5°	135°	112°	90°	
35		15'	1,69	1,46	3,41	2,55	2,13	1,91	1,70	1,49	1,28	1,06	0,85	
		18'	1,37	1,19	4,00	3,00	2,50	2,25	2,00	1,75	1,50	1,24	1,00	
		21'	1,15	1,00	4,58	3,44	2,86	2,29	2,01	1,72	1,42	1,15	0,90	
		24'	1,00	0,86	5,17	3,88	3,23	2,58	2,26	1,94	1,60	1,29	1,00	
50		26'	0,95	0,82	5,76	4,32	3,60	2,88	2,52	2,16	1,79	1,44	1,10	
		18'	1,60	1,38	4,65	3,49	2,91	2,62	2,33	2,04	1,74	1,44	1,16	
		21'	1,35	1,17	5,36	4,02	3,35	3,02	2,68	2,35	2,01	1,66	1,34	
		24'	1,17	1,02	6,08	4,56	3,80	3,42	3,04	2,66	2,28	1,88	1,52	
		27'	1,04	0,90	6,79	5,09	4,24	3,82	3,40	2,97	2,55	2,10	1,70	
		30'	0,93	0,80	7,51	5,63	4,69	4,23	3,75	3,29	2,82	2,33	1,88	

△ Precipitation rates are for triangular spacing, shown in millimeters (Metric) or inches (English) per hour, calculated at 50% of diameter.
 □ Precipitation rates are for square spacing, shown in millimeters (Metric) or inches (English) per hour, calculated at 50% of diameter.
 All performance specifications are based on the stated working pressure available at the base of the sprinkler.