

Water Management Highlight

Slower Rotation for Even Watering

Designed for exceptional irrigation efficiency, the Stream Rotor 340 provides uniform water distribution all across the radius. Because of the slower rotation speed, the 340 rotor will get water all the way out to the end of the radii (up to 33') before it has moved past the intended area. Combined with the additional pop-up height, you'll also get an extra 2-3 feet of radius. In the end, 340 Stream Rotors add up to greener landscapes and better water management.

Specifications

Model	Description
• 340-00-00	Lawn Pop-up w/Plastic Arc Disc Tree
• 340-10-00	Shrub w/Plastic Arc Disc Tree
• 340-10-00-COM	Shrub w/Check Valve and Plastic Arc Disc Tree
• 340-12-00	12" Pop-up w/Plastic Arc Disc Tree

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 and Features

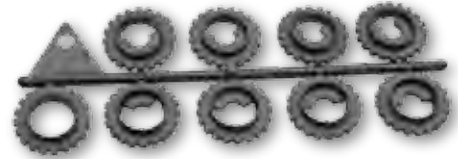
- Radius: 15' – 33'
- Flow Rate:
 - Lawn Pop-up and High-pop: 0.57 – 7.54 GPM
 - Shrub (COM): 2.07 – 6.36 GPM
- Recommended Operating Pressure Range: 35-50 psi (maximum 75 psi)
- Trajectory: 3 angles to cover short, medium & large radius
- Pop-up to nozzle:
 - Lawn Pop-up: 3 3/4"
 - High-Pop: 11 3/4"
- Inlet (Female-threaded):
 - Lawn Pop-up and High-pop: 3/4"
 - Shrub: 1/2" to 3/4"
- Large basket filter screen
- Standard Check Valve on Lawn Pop-up – maintains up to 8' elevation change

Options Available

- 340-09 — Replacement Plastic Arc Tree
- Effluent 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 for shrub COM— maintains up to 8' elevation change
- 35-1344 — Locking cap for Lawn Pop-up models (standard on high-pop models)

Warranty

- Two years



Arc Disc Tree

340 Series: Shrub w/COM (360° Arc Disc)
(Model Nos. 340-10-15COM)

Nozzle	psi	340 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	5.55	30
Omni (Max)	75	6.36	33

340 Series Lawn Pop-up Apex @ 50 psi (3,5 Bar)

Nozzle	27°	
	Max. Ht. of Spray	
01	4' 10"	
02	5' 1"	
03	5' 11"	

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

psi	Radius	Precipitation Rate*		GPM											
		△	□	90°	112.5°	135°	157.7°	180°	202.5°	225°	270°	360°			
35	15	1.53	1.33	0.78	0.97	1.16	1.36	1.55	1.74	1.94	2.33	3.10			
35	18	1.32	1.14	0.96	1.20	1.44	1.68	1.93	2.17	2.41	2.89	3.85			
35	22	1.06	0.92	1.16	1.44	1.73	2.02	2.31	2.60	2.89	3.47	4.62			
35	26	0.88	0.76	1.34	2.01	1.67	2.34	2.68	3.01	3.34	4.01	5.35			
35	28	0.86	0.75	1.52	1.90	2.28	2.66	3.04	3.42	3.80	4.56	6.08			
50	18	1.28	1.11	0.94	1.17	1.40	1.64	1.87	2.10	2.34	2.81	3.74			
50	22	1.08	0.93	1.17	1.47	1.76	2.05	2.35	2.64	2.93	3.52	4.69			
50	26	0.93	0.80	1.41	1.76	2.12	2.47	2.82	3.17	3.53	4.23	5.64			
50	29	0.87	0.75	1.65	2.06	2.47	2.88	3.30	3.71	4.12	4.94	6.59			
50	33	0.77	0.67	1.89	2.36	2.83	3.30	3.77	4.24	4.71	5.66	7.54			

340 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—340 Series

34XX-XX-XX-COM-E				
Arc	Body	Nozzle	Optional COM	Optional E
34XX	XX	XX	COM	E
04—90°	00—Lawn Pop-up	01—Small Radius, 12 Ports	COM—Check-O-Matic*	E—Effluent
05—112.5°		02—Medium Radius, 12 Ports		
06—135°		03—Large Radius, 12 Ports	(COM not available on high pop models)	
07—157.5°	10—Shrub	15—Adjustable (Omni) Shrub and Lawn Pop-up		
08—180°	12—High-pop	21—Small Radius, 12 Ports, High-pop		
09—202.5°		22—Medium Radius, 12 Ports, High-pop		
10—225°		23—Large Radius, 12 Ports, High-pop		
12—270°		25—Adjustable (Omni) Nozzle High-pop		
16—360°		63—Large Radius, 6 Ports, Low GPM**		
		93—Large Radius, 9 Ports, Low GPM**		

Example: A 180° 340 Series Lawn Pop-up with a 180° arc and an adjustable Omni nozzle, would be specified as: **3408-00-15**

* COM is standard on lawn pop-up models and optional on shrub models
 ** Available on Lawn Pop-up and Shrub only

Sprays
Rotors
Valves
Controllers
Central Control
Micro
Resources