

## Toro 340 Series Stream Rotor Sprinklers 15'-30' Radius

Acclaimed for its superior performance and recognized for its graceful “fingers of water,” the Toro 340 Stream Rotor is even better.

### Features

- Multiple rotating stream pattern
- True matched precipitation rates
- Standard Omni nozzle and arc tree with choice of nine plastic arc discs
- Planetary water-lubricated gear-drive design for longer life
- Large basket filter screen and stainless-steel construction

- Standard check valve prevents low-head drainage keeping laterals charged with water (lawn pop-up model)
- Effluent indicators available:
  - Omni nozzle cover (Part No. 89-7853)
  - Omni nozzle cover, hi-pop (Part No. 89-7854)
  - Standard nozzle plug (Part No. 89-7889)

### Specifications

#### Nozzle Performance

- Fixed-radius models:
  - 01—16'-18'
  - 02—21'-24'
  - 03—28'-30'
  - 63<sup>§</sup>—28'-30'
  - 93<sup>§</sup>—28'-30'
- Omni adjustable-radius models: 15'-30'
- Flow rate: 0.57-7.51 GPM
- Trajectory: 27°

Apex at 50 PSI (27° Trajectory)						
Nozzle	#01	#02	#03	#63	#93	Omni
Max. Spray Ht.	4'10"	5'1"	5'11"	7'	6'3"	5'11"

### Lawn Pop-Up

- Recommended operating pressure: 35-50 PSI
- Maximum operating pressure: 75 PSI
- Pop-up to nozzle: 3¾"
- ¾" female-threaded inlet
- Dimensions:
  - Body diameter: 2⅝"
  - Cap diameter: 3"
  - Height: 7"
- Locking cap available (Part No. 35-1344)

### Shrub

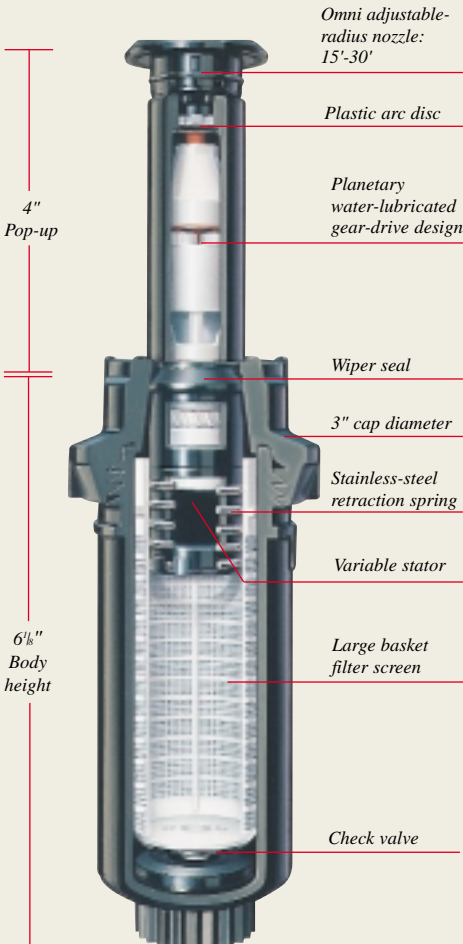
- Recommended operating pressure: 35-50 PSI
- Maximum operating pressure: 75 PSI
- ½" to ¾" female-threaded inlet
- Dimensions:
  - Base diameter: 2"
  - Height: 6"

### 12" Pop-Up

- Recommended operating pressure: 35-50 PSI
- Maximum operating pressure: 75 PSI
- Pop-up to nozzle: 11¾"
- ¾" female-threaded bottom and side inlets
- Side inlet: 7" from top of sprinkler to center of side inlet
- Dimensions:
  - Body diameter: 2⅝"
  - Cap diameter: 3"
  - Height: 16"
- Standard locking cap

*Note: Specifications subject to change without notice.*

*For more information, contact your local Toro distributor.*



Matched precipitation rate (MPR) refers to uniform delivery of water across each square foot of an irrigated area. Each sprinkler's coverage provides every blade of grass with no more — and no less water than the next. The result is high-precision application, and consistently green, healthy turf.

### 340 Series Fixed-Radius Nozzle Performance Chart — Optional

Nozzle	PSI	Radius	Prec. Rates*		Gallons Per Minute								
			▲	■	360°	270°	225°	202.5°	180°	157.5°	135°	112.5°	90°
01	35	16'	0.99	0.86	2.28	1.71	1.43	1.28	1.14	1.00	0.86	0.71	0.57
	50	18'	0.99	0.86	2.88	2.16	1.80	1.62	1.44	1.26	1.08	0.90	0.72
02	35	21'	0.73	0.63	2.88	2.16	1.80	1.62	1.44	1.26	1.08	0.90	0.72
	50	24'	0.66	0.57	3.41	2.56	2.13	1.92	1.71	1.49	1.28	1.06	0.85
03	35	28'	0.77	0.67	5.43	4.07	3.39	3.05	2.72	2.38	2.04	1.69	1.36
	50	30'	0.80	0.69	6.45	4.84	4.03	3.63	3.23	2.82	2.42	2.01	1.61
63 <sup>§</sup>	35	28'	0.39	0.33	2.72	2.04	1.70	1.53	1.36	1.19	1.02	0.85	0.68
	50	30'	0.40	0.35	3.23	2.42	2.02	1.82	1.62	1.41	1.21	1.00	0.81
93 <sup>§</sup>	35	28'	0.58	0.50	4.07	3.05	2.54	2.29	2.04	1.78	1.53	1.27	1.02
	50	30'	0.60	0.52	4.84	3.63	3.03	2.72	2.42	2.12	1.82	1.51	1.21

\* ▲ Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 55% 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 head.

§ Low gallonage.

340 Lawn Pop-Up

## Toro 300 Series Omni™ Nozzle 15'-30' Radius

Standard with the 340 Series Stream Rotor, you can adjust the radius of the popular Toro Stream Rotors from 15' to 30' with a single nozzle. It affords you greater design versatility and allows you to fine-tune the spray for differences in spacing between sprinklers. Now the most attractive looking sprinkler in the industry is the most versatile too.

### Features

- Adjustable radius from 15'-30'
- No adjustment tools necessary
- Easy installation and retrofit
- Matched precipitation between arcs
- For small-to-medium sized turf and shrub areas

### Specifications

- Omni adjustable-radius models: 15'-30'
- Flow rate: 0.83-7.51 GPM
- Trajectory: 27°
- Maximum height of spray: 5'11" @ 50 PSI
- Recommended operating pressure: 35-50 PSI
- Maximum operating pressure: 75 PSI

### Models

- 300-15 fits all Lawn and Shrub 340 Stream Rotor bodies
- 300-25 fits all 12" Hi-Pop 340 Stream Rotor bodies
- Effluent indicators:
  - 300-15 (Part No. 89-7853)
  - 300-25 (Part No. 89-7854)

**Note: Specifications subject to change without notice.**

**For more information, contact your local Toro distributor.**



### 300-15 Omni™ Adjustable Radius Nozzle Performance Chart — Standard

PSI	Radius	Prec. Rates*	Arc								
			360°	270°	225°	202.5°	180°	157.5°	135°	112.5°	90°
35	15'	1.69	3.41	2.55	2.13	1.91	1.70	1.49	1.28	1.06	0.83
35	18'	1.37	4.00	3.00	2.50	2.25	2.00	1.75	1.50	1.24	1.00
35	21'	1.15	4.58	3.44	2.86	2.58	2.29	2.01	1.72	1.42	1.15
35	24'	0.99	5.17	3.88	3.23	2.91	2.58	2.26	1.94	1.60	1.29
35	26'	0.95	5.76	4.32	3.60	3.24	2.88	2.52	2.16	1.79	1.44
50	18'	1.60	4.65	3.49	2.91	2.62	2.33	2.04	1.74	1.44	1.16
50	21'	1.35	5.36	4.02	3.35	3.02	2.68	2.35	2.01	1.66	1.34
50	24'	1.17	6.08	4.56	3.80	3.42	3.04	2.66	2.28	1.88	1.52
50	27'	1.04	6.79	5.09	4.24	3.82	3.40	2.97	2.55	2.10	1.70
50	30'	0.93	7.51	5.63	4.69	4.32	3.75	3.29	2.82	2.33	1.88

\* Precipitation rates are for triangular spacing, shown in inches per hour, calculated at 55% of diameter.



### Specifying Information — 340 Series Sprinklers

34XX XX XX			
Arc	Body	Nozzle	
04—90°	09—202.5°	00—Lawn Pop-Up	01—Small Radius, 12 Ports
05—112.5°	10—225°	10—Shrub	02—Medium Radius, 12 Ports
06—135°	12—270°	12—Hi-Pop	03—Large Radius, 12 Ports
07—157.5°	16—360°		15—Adjustable (Omni) Shrub & Lawn Pop-up
08—180°			25—Adjustable (Omni) Nozzle (Hi-Pop)
			63—Large Radius, 6 Ports, Low GPM
			93—Large Radius, 9 Ports, Low GPM

For Example:  
When specifying a half-circle 340 Series lawn pop-up with a standard Omni nozzle, you would specify:

**3408-00-15**