



340 SERIES SPEC SHEET



STREAM ROTOR® WITH OMNI™ NOZZLE SPRINKLERS

Proven reliable. Matched-precipitation-rate technology. Gentle watering process. Still acclaimed for its superior performance and beauty, the Toro gear-driven, multi-stream sprinklers are better than ever.

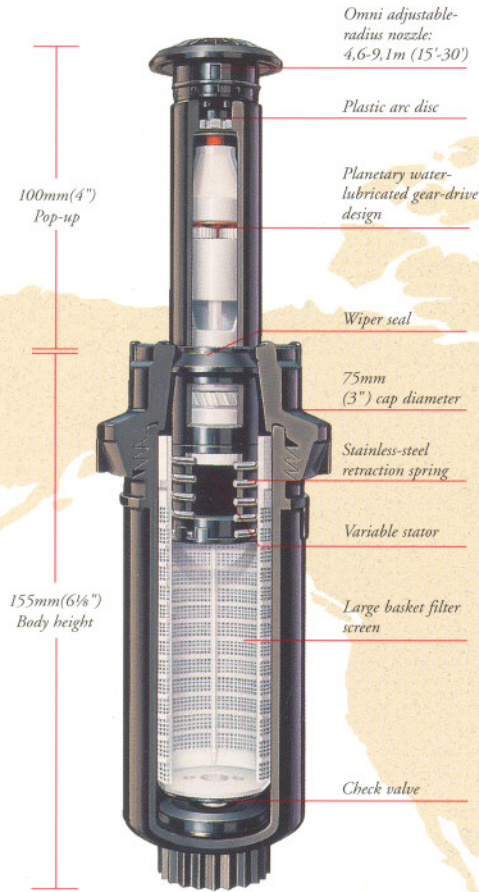
With the 340 Series Stream Rotor, we've given you more — higher pop-up height of 100mm (4"); standard check valve on the 100mm (4") pop-up model; plastic arc tree for each sprinkler, including all nine patterns and an Omni nozzle, standard with each sprinkler.

The 340 Series Stream Rotor Series sprinklers with their gentle distribution of water are still ideal for lawn and ground cover — especially on slopes or tight soils. And, true matched perception rates (MPR) ensure uniform water coverage. Every blade of grass receives no more, and no less water than the next. MPR saves you from balancing nozzle sizes to achieve even water application — it's automatic.

Toro multi-stream sprinklers — acclaimed reliability with superior performance.

FEATURES

- Multiple rotating stream pattern
- Matched precipitation rates
- Standard check valve on 100mm (4") pop-up (340 Series)
- Full family for all applications
- Twelve rotating streams for lower instantaneous precipitation (340 Series)



340 Lawn Pop-Up

Acclaimed for its superior performance and recognized for its graceful "fingers of water," the Toro 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
- Durable engineering plastic 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)
 - The 100mm (4") pop-up features a built-in check valve effective for up to 2.4m (8') of elevation difference.

Specifications

Nozzle Performance

- Fixed-radius models:
 - 01 — 4,9-5,5m (16'-18')
 - 02 — 6,4-7,3m (21'-24')
 - 03 — 8,5-9,1m (28'-30')
 - 63 — 8,5-9,1m (28'-30')
 - 93 — 8,5-9,1m (28'-30')
- Omni adjustable-radius models: 4,6-9,1m (15'-30')
- Flow rate: 2,2-28,4 LPM (0,57-7,51 GPM)
- Trajectory: 27°
- Recommended operating pressure: 2,4-3,5 bar (35-50 PSI)
- Maximum operating pressure: 5,2 bar (75 PSI)

Lawn Pop-Up

- Pop-up to nozzle: 95mm (3 3/4")
- 20mm (3/4") female-threaded inlet
- Dimensions:
 - Body diameter: 60mm (2 3/8")
 - Cap diameter: 75mm (3")
 - Height: 178mm (7")
- Locking cap available (Part No. 35-1344)

Shrub

- 13 and 20mm (1/2" and 3/4") female-threaded inlet
- Dimensions:
 - Base diameter: 50mm (2")
 - Height: 150mm (6")

300mm (12") Pop-Up

- Pop-up to nozzle: 298mm (11 3/4")
- 20mm (3/4") female-threaded bottom and side inlets
- Side inlet: 178mm (7") from top of sprinkler to center of side inlet
- Dimensions:
 - Body diameter: 73mm (2 7/8")
 - Cap diameter: 75mm (3")
 - Height: 406mm (16")
- Standard locking cap

Note: Specifications subject to change without notice. For more information, contact your local Toro distributor.

340 Series Fixed-Radius Nozzle Performance Chart – Optional

Nozzle	Pressure				Radius		Prec. Rates*		LPM								
	PSI	bar	kPa	Kg/cm ²	meters	feet	▲	■	360°	270°	225°	202.5°	180°	157.5°	135°	112°	90°
01	35	2,5	250	2,55	4,9	16	25,2	21,8	8,82	6,61	5,51	4,96	4,41	3,86	3,31	2,74	2,20
	50	3,5	350	3,57	5,5	18	25,2	21,8	11,0	8,26	6,88	6,20	5,51	4,82	4,13	3,43	2,75
02	35	2,5	250	2,55	6,5	21	18,4	15,9	11,1	8,30	6,92	6,23	5,53	4,84	4,15	3,44	2,77
	50	3,5	350	3,57	7,4	24	16,7	14,4	13,0	9,76	8,13	7,32	6,50	5,69	4,88	4,05	3,25
03	35	2,5	250	2,55	8,6	28	19,6	17,1	20,9	15,7	13,0	11,7	10,4	9,13	7,83	6,49	5,22
	50	3,5	350	3,57	9,2	30	20,4	17,6	24,6	18,5	15,4	13,8	12,3	10,8	9,23	7,66	6,15
63 [§]	35	2,5	250	2,55	8,6	28	9,93	8,42	10,5	7,84	6,54	5,88	5,23	4,58	3,92	3,25	2,61
	50	3,5	350	3,57	9,2	30	10,2	8,92	12,3	9,24	7,70	6,93	6,16	5,39	4,62	3,83	3,08
93 [§]	35	2,5	250	2,55	8,6	28	14,8	12,7	15,6	11,7	9,78	8,80	7,82	6,85	5,87	4,87	3,91
	50	3,5	350	3,57	9,2	30	15,3	13,2	18,5	13,9	11,5	10,4	9,23	8,08	6,93	5,75	4,62

* ▲ Precipitation rates are for triangular spacing, shown in mm/hr, calculated at 55% of diameter.
 ■ Precipitation rates are for square spacing, shown in mm/hr, calculated at 50% of diameter.
 All performance specifications are based on the stated working pressure available at the base of the sprinkler head.
 § Low flow.



Arc Disk Tree 340-09



Toro's multi-stream rotor delivers gentle fingers of water for optimum coverage.

Specifying Information – 340 Series Sprinklers

34XX XX XX		
Arc	Body	Nozzle
04–90°	10–225°	01–Small Radius, 12 Ports
05–112°	12–270°	02–Medium Radius, 12 Ports
06–135°	16–360°	03–Large Radius, 12 Ports
07–157.5°		15–Omni Nozzle (Shrub and Lawn)
08–180°		25–Omni Nozzle (Hi-Pop)
09–202.5°		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



Worldwide Headquarters
 8111 Lyndale Avenue South
 Minneapolis, MN 55420-1196 USA
 Phone: 612-888-8801
 Fax: 612-887-8258
 Email: www.Toro.com