

Rotors

For everyday outstanding performance in a rotor, the Toro® Super 800 Series provides for all your watering needs. Five inch pop-up clears tall grasses. Part and full-circle arcs together in one sprinkler reduce stocking requirements. The top arc indicator allows easy adjustments from 40 – 360 degrees. SmartArc™ memory feature returns the stream to the previous setting, without damage, even if the nozzle is turned beyond the trip point. Continuous unidirectional rotation provides uniform coverage when set to full circle. All these features are standard in a Super 800 sprinkler. Optional features include check valve for prevention of low-head drainage and effluent covers for reclaimed water applications. The Super 800 is ideal for a wide range of irrigation needs.

Features & Benefits

Five Inch Pop-Up Height

Clears tall grasses and allows for less frequent mowing.

Arc Indicator On Top

Top Arc indicator for easy adjustments from 40° to 360° - read the arc change off the scale as you make adjustments.

Smart Arc™ Memory

Returns sprinkler to previously set arc if vandalized without damage.

Continuous Unidirectional Rotation

Provides uniform coverage when set at full circle.

Part And Full Circle In One Sprinkler

Installation convenience and reduced inventory requirements.



 Effluent
Options
Available

*Standard rubber cover with
arc indicator scale on top*





Super 800 Series

Water Management Highlight



Check valve

The optional check valve eliminates low head drainage and keeps the laterals fully charged with water.

Specifications

Model Description

- S800 5" Lawn Pop-up w/o Check Valve
- S800CK 5" Lawn Pop-up w/Check Valve
- S800E 5" Lawn Pop-up w/o Check Valve and Effluent Cover
- S800CKE 5" Lawn Pop-up w/Check Valve and Effluent Cover
- S800S Shrub
- S800SE Shrub w/Effluent Rubber Cover
- S800HP 12" High Pop with check valve
- S800HPE 12" High Pop w/Check Valve and Effluent Rubber Cover

Dimensions

- Body Diameter:
 - Lawn Pop-up: 2 3/8"
 - High-pop: 2 1/4"
- Cap Diameter:
 - Lawn Pop-up: 2 5/8"
 - High-pop: 3"
- Height:
 - Lawn Pop-up: 7 5/8"
 - High-Pop: 1 7"
 - Shrub: 7 3/4"

Operating Specifications

- Radius: 28' – 50'
- Flow Rate: 0.5 – 10 GPM
- Recommended Operating Pressure Range: 30-60 psi (max-70 psi)
- Trajectory: 28°
- Pop-up to nozzle: 4 1/2" on Lawn Pop-up
- Lawn model comes factory installed with 2.5 nozzle set at 90 degrees
- Inlet: 3/4" NPT female-threaded

Additional Features

- Pressure activated seal and robust trip mechanism
- Standard rubber cover
- Selection of body styles: Lawn Pop-up, Shrub and High-pop
- Nozzle tree with 9 standard and 4 low-angle nozzles
- Stainless steel radius adjustment screw allows up to 25% radius reduction

Options Available

- 102-2024 – Adjustment Tool
- CK – Check Valve – maintains up to 6' elevation change
- Effluent water indicator

Warranty

- Five years



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 Specifications subject to change without notice. For more information,
 contact your local Toro distributor. P/N 09-1055-IRC
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Super 800 Performance Data

Nozzle	psi	GPM	Radius	Precipitation Rate (in/hr)	
				▲ (in/hr)	■ (in/hr)
.50	30	0.5	28	0.07	0.06
	40	0.6	29	0.08	0.07
	50	0.7	29	0.09	0.08
	60	0.8	30	0.10	0.09
.75	30	0.7	29	0.09	0.08
	40	0.8	30	0.10	0.09
	50	0.9	31	0.10	0.09
	60	1.0	32	0.11	0.09
1.0	30	1.3	32	0.14	0.12
	40	1.5	33	0.15	0.13
	50	1.6	34	0.15	0.13
	60	1.8	35	0.16	0.14
2.0	30	2.4	37	0.19	0.17
	40	2.5	40	0.17	0.15
	50	3.0	42	0.19	0.16
	60	3.3	43	0.20	0.17
2.5*	30	2.5	38	0.19	0.17
	40	2.8	39	0.20	0.18
	50	3.2	40	0.22	0.19
	60	3.5	41	0.23	0.20
3.0	30	3.6	38	0.28	0.24
	40	4.2	39	0.31	0.27
	50	4.6	41	0.30	0.26
	60	5.0	42	0.32	0.27
4.0	30	4.4	43	0.26	0.23
	40	5.1	44	0.29	0.25
	50	5.6	46	0.29	0.25
	60	5.9	49	0.27	0.24
6.0	40	5.9	45	0.32	0.28
	50	6.0	46	0.32	0.27
	60	6.3	48	0.30	0.26
	70	6.7	49	0.31	0.27
8.0	40	8.0	42	0.50	0.44
	50	8.5	45	0.47	0.40
	60	9.5	49	0.44	0.48
	70	10.0	50	0.44	0.49

Radius shown in feet. Data based on 360°.
 *Factory installed nozzle.

Super 800 Low-angle Nozzle Performance Data

Nozzle	psi	GPM	Radius	Precipitation Rate (in/hr)	
				▲ (in/hr)	■ (in/hr)
1.0	30	1.1	22	0.28	0.24
	40	1.3	24	0.33	0.28
	50	1.5	26	0.30	0.26
	60	1.7	28	0.28	0.25
3.0	30	2.3	29	0.40	0.34
	40	2.8	32	0.34	0.29
	50	3.1	35	0.32	0.28
	60	3.4	37	0.31	0.27
4.0	30	3.8	31	0.39	0.34
	40	4.5	34	0.37	0.32
	50	5.1	37	0.36	0.31
	60	5.6	38	0.36	0.31
6.0	30	4.9	38	0.50	0.43
	40	5.8	40	0.51	0.44
	50	6.5	42	0.50	0.44
	70	7.2	44	0.49	0.43

Radius shown in feet. Data based on 360°.

Specifying Information—Super 800

S800 XXX-XX-CK-E					
Description	Body	Nozzle		Optional	Optional
S800	XXX	XX		COM	E
S800—Super 800 Rotor	S—Shrub P—5" Lawn Pop-up 12H—12" High-pop	50—0.50 75—0.75 10—1.0 20—2.0 25—2.5	30—3.0 40—4.0 60—6.0 80—8.0	CK—Check Valve	Effluent