

# Super 800 Series

- **Inlet Size:** ¾" (20mm)
- **Radius:** 28'-50' (8,5-15,2m)
- **Operating Pressure Range:** 30-70 psi (2,0-4,8 Bar)

For everyday outstanding performance in a rotor, the Toro® Super 800 Series provides for all your watering needs.

*Standard rubber cover with arc indicator scale on top*



## 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*



*Check  
Valve  
Options  
Available*

## Water Management Highlight

### Check valve

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



# Specifications

## Dimensions

- Body Diameter:
  - Lawn Pop-up: 2 3/8" (60mm)
  - High-pop: 2 1/4" (57mm)
- Cap Diameter:
  - Lawn Pop-up: 2 5/6" (67mm)
  - High-pop: 3" (76mm)
- Height:
  - Lawn Pop-up: 7 5/8" (194mm)
  - High-Pop: 17" (431mm)
  - Shrub: 7 3/4" (197mm)

## Operating Specifications

- Radius: 28'-50' (8,5-15,2m)
- Flow Rate: 0.5-10 GPM (1,9-37,8 LPM)
- Operating Pressure Range: 30-70 psi (2,0-4,8 Bar)
- Trajectory: 28°
- Pop-up to nozzle: 4 1/2" (114mm) on Lawn Pop-up
- Lawn model comes factory installed with a #2.5 nozzle set at 90 degrees arc
- Inlet: 3/4" (20mm) 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' (1,8m) elevation change
- Effluent water indicator

## Warranty

- Five years

Super 800 Series Model List	
Model	Description
• S800	5" (127mm) Lawn Pop-up w/o Check Valve
• S800CK	5" (127mm) Lawn Pop-up w/Check Valve
• S800E	5" (127mm) Lawn Pop-up w/o Check Val and Effluent Cover
• S800CKE	5" (127mm) Lawn Pop-up w/Check Valve and Effluent Cover
• S800S	Shrub
• S800SE	Shrub w/Effluent Rubber Cover
• S800HP	12" (300mm) High Pop with check valve
• S800HPE	12" (300mm) High Pop w/Check Valve and Effluent Rubber Cover

## Super 800 Series Nozzle Performance Data—Metric

Nozzle	Pressure Bar	LPM	Radius	Precipitation Rate	
				▲	■
.50	2,0	1,1	8,5	1.05	0.91
	3,0	1,5	8,8	1.34	1.16
	3,5	1,9	8,8	1.70	1.47
	4,0	2,3	9,1	1.92	1.67
.75	2,0	1,9	8,8	1.70	1.47
	3,0	2,3	9,1	1.92	1.67
	3,5	2,7	9,4	2.12	1.83
	4,0	3,0	9,8	2.16	1.87
1.0	2,0	4,9	9,8	3.54	3.06
	3,0	5,7	10,1	3.87	3.35
	3,5	6,5	10,4	4.16	3.61
	4,0	7,2	10,7	4.36	3.77
2.0	2,0	7,6	10,1	5.16	4.47
	3,0	9,1	10,4	5.83	5.05
	3,5	10,3	10,7	6.23	5.40
	4,0	11,4	11,0	6.53	5.65
2.5	2,0	7,6	10,1	5.16	4.47
	3,0	9,1	10,4	5.83	5.05
	3,5	10,3	10,7	6.23	5.40
	4,0	11,4	11,0	6.53	5.65
3.0	2,0	12,2	10,7	7.38	6.39
	3,0	14,1	11,0	8.07	6.99
	3,5	16,3	11,3	8.84	7.66
	4,0	18,2	11,6	9.70	8.40
4.0	2,0	15,2	11,0	8.70	7.54
	3,0	18,6	11,3	10.09	8.74
	3,5	21,3	11,6	10.97	9.50
	4,0	23,6	11,9	11.55	10.00
6.0	2,0	20,5	11,3	11.12	9.63
	3,0	24,3	11,9	11.89	10.30
	3,5	27,7	12,5	12.28	10.64
	4,0	30,8	13,1	12.44	10.77
8.0	2,0	25,8	11,6	13.28	11.50
	3,0	31,2	12,2	14.52	12.58
	3,5	36,1	12,8	14.42	12.49
	4,0	40,3	13,4	15.55	13.47

Radius shown in meters. Data based on 360°.

## Super 800 Low-angle Nozzle Performance Data—Metric

Nozzle	Bar	LPM	Radius	Precipitation Rate	
				▲	■
1.0	2,0	4,2	8,5	4.03	3.49
	3,0	4,9	8,8	4.38	3.80
	3,5	5,7	9,1	4.77	4.13
	4,0	6,5	9,4	5.10	4.41
3.0	2,0	8,7	9,1	7.28	6.30
	3,0	10,6	10,1	7.20	6.23
	3,5	11,8	10,7	7.14	6.18
	4,0	12,9	11,3	7.00	6.06
4.0	2,0	14,4	9,4	11.29	9.78
	3,0	17,1	10,4	10.95	9.49
	3,5	19,4	11,3	10.53	9.12
	4,0	21,3	11,9	10.42	9.02
6.0	2,0	18,6	9,8	13.42	11.62
	3,0	22,0	10,7	13.31	11.53
	3,5	24,7	11,9	12.09	10.47
	4,0	27,4	9,4	21.49	18.61

Radius shown in meters. 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" (127mm) Lawn Pop-up 12H—12" (300mm) 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
Example: A Super 800 Series Sprinkler with a 5" pop-up height and a 2.5 nozzle, would be specified as: <b>S800P25</b>					