

Toro Irrigation Super 800 Rotor

Gear Drive Rotor

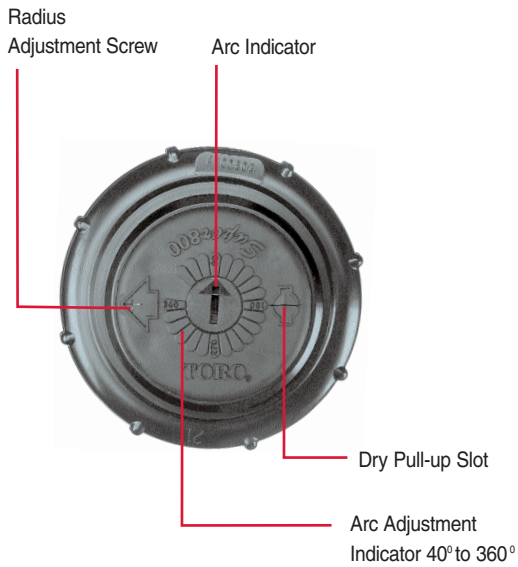
Toro's new Super 800 mid-range, gear driven rotor offers a wide variety of state-of-the-art features designed to provide reliable full and part-circle operation in one unit.

Ideal for light commercial and residential use, contractors will appreciate the rotor's ease of installation and service.

Convenience enhancing features include an easy-to-see arc indicator for simple adjustment from 40° to 360°, a 125 mm pop-up height and an automatic arc return if the nozzle turret is tampered with.

The Super 800 rotor was designed with durability in mind. A heavy-duty retraction spring, pressure activated seal, sturdy trip mechanism and built-in check valve, all ensure long-term, reliable operation.

The Super 800 rotor - designed to meet the specific needs of the contractor.



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Features

- 125 mm pop-up to nozzle
- Top arc indicator for simple adjustment
- Nine interchangeable, reusable standard nozzles: one pre-installed and eight on a nozzle tree
- Automatic arc return to pre-set arc if nozzle turret is tampered with
- Part and full circle coverage in one head
- Continuous rotation provides even coverage when set at 360°
- Riser pull-up slot for easy nozzle removal and insertion
- Arc adjustment from 40° to 360°
- Standard rubber cover
- Stainless steel radius adjustment screw allows up to 25% radius reduction
- Heavy-duty retraction spring
- Pressure activated seal
- Robust trip mechanism
- Supplied with check valve
- Three year warranty

Specifications

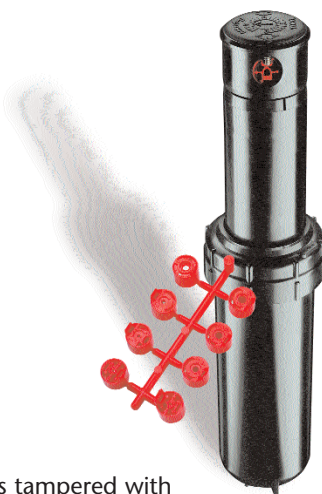
- Recommended operating pressure: 210 - 415 kPa
- Radius: 8.5 - 15.2 m
- Optimum operating pressure: 345 kPa
- Flow rate: 1.9 L/m - 37.8 L/m
- Nozzle trajectory: 26°
- Precipitation range: matched precipitation rates from 7.5 mm - 12.5 mm per hour at 415 kPa
- Maximum operating pressure: 480 kPa

Dimensions

- Cap diameter: 73 mm
- Height: 190 mm
- Pop-up: 125 mm
- 20 mm female threaded inlet

Options

- 300 mm High Pop



Super 800 Performance Data

Pressure KPa	Nozzle Number	Radius m	Flow L/m
210	0.50	8.5	1.9
	0.75	8.8	2.6
	1	9.8	4.9
	2	11.3	9.1
	2.5	11.6	9.4
	3	11.6	13.6
	4	13.1	16.6
	6	13.7	22.3
275	8	12.8	30.2
	0.50	8.8	2.3
	0.75	9.2	3.0
	1	10.1	5.7
	2	12.2	9.4
	2.5	11.9	10.6
	3	11.9	15.9
	4	13.4	19.3
345	6	14.0	22.7
	8	13.7	32.1
	0.50	8.8	2.6
	0.75	9.5	3.4
	1	10.4	6.0
	2	12.8	11.3
	2.5	12.2	12.1
	3	12.5	17.4
415	4	14.0	21.2
	6	14.6	23.8
	8	14.9	35.9
	0.50	9.2	3.0
	0.75	9.8	3.8
	1	10.7	6.8
	2	13.1	12.5
	2.5	12.5	13.2
	3	12.8	18.9
	4	14.9	22.3
	6	14.9	25.3
	8	15.2	37.8

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with radius adjustment screw.

ORDERING DETAILS

Model	Description
S800CK	125 mm POP-UP
S800HP	300 mm POP-UP

Dealer Stamp

**For Customer Service Call
Toro Irrigation on 1300 130 898**

*Toro Irrigation is a business unit of Toro Australia Pty Ltd
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