

Toro Irrigation Super 800 Rotor

Gear Drive Rotor

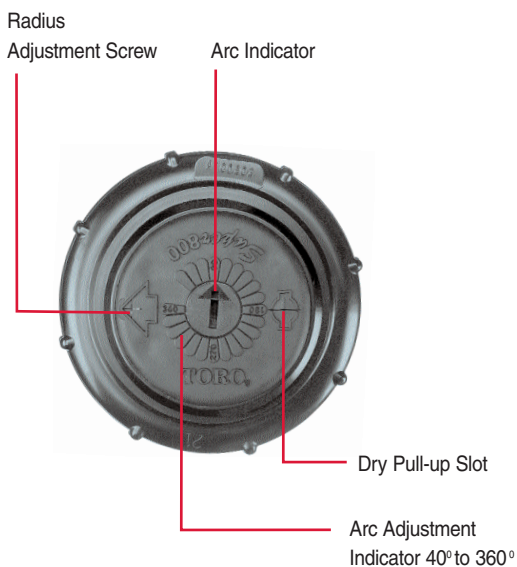
Toro's new Super 800 mid-range, gear driven rotor offers a wide variety of state-of-the-art features designed to provide reliable full and part-circle operation in one unit.

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

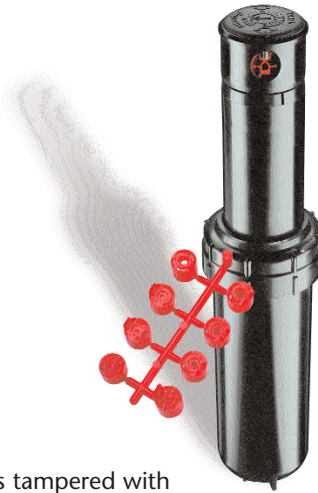
- Recommended operating pressure: 210 - 415 kPa
- Radius: 8.5 - 15.2 m
- Optimum operating pressure: 345 kPa
- Flow rate: 1.9 L/m - 37.8 L/m
- Nozzle trajectory: 26°
- Precipitation range: matched precipitation rates from 7.5 mm - 12.5 mm per hour at 415 kPa
- Maximum operating pressure: 480 kPa

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 |
| | 8 | 12.8 | 30.2 |
| 275 | 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 |
| | 6 | 14.0 | 22.7 |
| | 8 | 13.7 | 32.1 |
| 345 | 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 |
| | 4 | 14.0 | 21.2 |
| | 6 | 14.6 | 23.8 |
| | 8 | 14.9 | 35.9 |
| 415 | 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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