

DT35 and DT55 Series Rotary Sprinklers Installation & Service Instructions

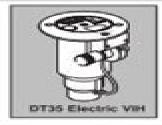
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Introduction

The DT35 and DT55 series full-circle/adjustable part-circle rotary sprinklers are designed specifically for golf course applications.

Manufactured from durable, high-strength engineering plastic and stainless-steel components, these sprinklers incorporate many innovative and time-proven teatures for lasting, maintenance-free operation.

Prior to installing the sprinkler, read through the recommended installation and start up procedures. Please observe at WARNINGS and CAUTIONS when installing and operating this equipment.





Features

- Full-circle (360°) with uni-directional clockwise rotation and adjustable part-circle (40°-330°) configuration
- Arc adjustment from riser band in 5" increments
- Trajectory main nozzle Selectable 15° or 25°
- Full 4" (10.2 cm.) pop-up clears tall grasses.
- Color-coded nozzles by radius and distance
- Cap serves as an effluent water indicator
- Variable stator ensures 3-minute rotation
- Selectable pressure regulation settings of 50 psi (3.4 bar).
 65 psi, 80 psi or 100 psi to ensure consistently accurate nozzle performance regardless of elevation (Electric only).
- Three valve activation types available: Electric Valve-In-Head, Normally Open Hydraulic Valve-In-Head, and Check-O-Matic

- Three valve activation types available: Electric Valve-In-Head, Normally Open Hydraulic Valve-In-Head, and Check-O-Matic
- Three body thread types available: NPT, BSP and ACME.
- Manual sprinkler operation control: On-Off-Auto (Electric only)
- All internal components serviceable from the top of the sprinkler
- Large selection of color-coded nezzles available.
- Durable plastic and stainless-steel construction
- Constant velocity drive
- Optional back nozzles available
- Color-coordinated egyztes.
- Optional radius reduction screw

Specifications and Performance/Application Data

DT35 Series

- Radius: 43'-88' (13,1 m-26,8 m) (8) 25" trajectory
- Flow Rate: 15-50 GPM (56.8-189.3 LPM).
- Trajectory: Selectable 15° or 25°
- Arc: full circle (360") or adjustable part circle (40"-330")
- Recommended operating pressure: 65–100 psi (4.5–6.9 bar)
- Minimum pressure: 40 psi (2,8 bar)
- Maximum pressure: 150 psi (10,3 bar).
- Precipitation rate:
 - Minimum: 0.46"/hr (1,17 om/hr).
 - Maximum: 0.637/hr (1.60 cm/hr)
- Infet Size: 1" (25 mm) NPT, BSP or ACME.
- Electric Valve-in-head Splenoid:
 - Inrush current, 0.30A (D 24 VAC, 50/60 Hz.
 - Holding current: 0.20A @ 24 VAC, 50/60 Hz
- Check-O-Matic model checks up to 37 (11.27 m) of elevation

DTS5 Series

- Radius: 52'-95' (15.8-28.9 m) @ 25' trajectory
- Flow rate: 15-62 GPM (56,8-234,7 LPM)
- Trajectory: Selectable 15" or 25"
- Arc: full circle (360") or adjustable part circle (40"-330")
- Recommended operating pressure: 65-100 psi (4,5-6,9 bar)
- Minimum pressure: 40 psi (2.8 bar)
- Maximum pressure: 150 psi (10.3 bar)
- Precipitation rate:
 - Minimum: 0.505/hr (1,27 cm/hr)
 - Maximum: 0.727/hr (1,83 cm/hr)
- Inlet Size: 1.5" (38 mm) NPT, BSP or ACME
- Electric Valve-in-head Sciencid:
 - Inrush current: 0.30A @ 24 VAC, 50/60 Hz
 - Holding current: 0.20A @ 24 VAC, 50/60 Hz
- Check-O-Matic model checks up to 37' (11,27 m) of elevation

Toro Dt35 Manual

General Motors Corporation. GMC Truck & Coach Division

Toro Dt35 Manual:

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