



690 Series Golf Sprinklers

Specifications

Operational

- Inlet: 1½" NPT
- Radius: 87' – 108'
- Flow Rate: 51.0 – 82.2 gpm
- Recommended Operating Pressure Range: 80-100 psi
Maximum pressure: 150 psi
Minimum pressure: 40 psi
- Electric Valve-In-Head Solenoid: 24V ac, 50/60 Hz
 - Inrush: 60 Hz, 0.30 Amps
 - Holding: 60 Hz, 0.20 Amps
- Check-O-Matic: Maintains 37' of elevation

Dimensions

- Body diameter: 10"
- Body height: 16"
- Rubber cover diameter: 5.6"
- Pop-up height to nozzle: ¾"

Warranty

- Three years
- Five years when installed with Toro® Swing Joints

690 Series Conversions & Riserless Bodies

Model	Description
69A-92	CONV,150DEG,92NOZ
69B-92	CONV,165DEG,92NOZ
69C-92	CONV,195DEG,92NOZ
69D-92	CONV,210DEG,92NOZ
691-91	CONV,90DEG,91NOZ
691-92	CONV,90DEG,92NOZ
692-90	CONV,180DEG,90NOZ
692-91	CONV,180DEG,91NOZ
692-92	CONV,180DEG,92NOZ
694-90	CONV,360DEG,90NOZ
694-91	CONV,360DEG,91NOZ
694-92	CONV,360DEG,92NOZ
696-91	CONV,60X120DEG,2SPD,91NOZ
696-92	CONV,60X120DEG,2SPD,92NOZ
698-91	CONV,180X180DEG,2SPD,91NOZ
698-92	CONV,180X180DEG,2SPD,92NOZ
690-06-1	BODY,RISERLESS,690,ADJPSI,STD
690-06-2	BODY,RISERLESS,690,ADJPSI,SG
690-06-4	BODY,RISERLESS,690,ADJPSI,DCL
690-COM	BODY,RISERLESS,690,CHECK-O-MATIC
690-NO	BODY,RISERLESS,690, NORMALLY OPEN

690 Series Performance Chart

Base Pressure	Nozzle Set 90		Nozzle Set 91		Nozzle Set 92	
psi	Radius	gpm	Radius	gpm	Radius	gpm
80	87	51.0	96	61.2	100	74.0
100	90	57.1	100	73.5	108	82.2

Radius shown in feet.
Sprinkler radius of throw per ASAE standard S398.1.

Model Choices

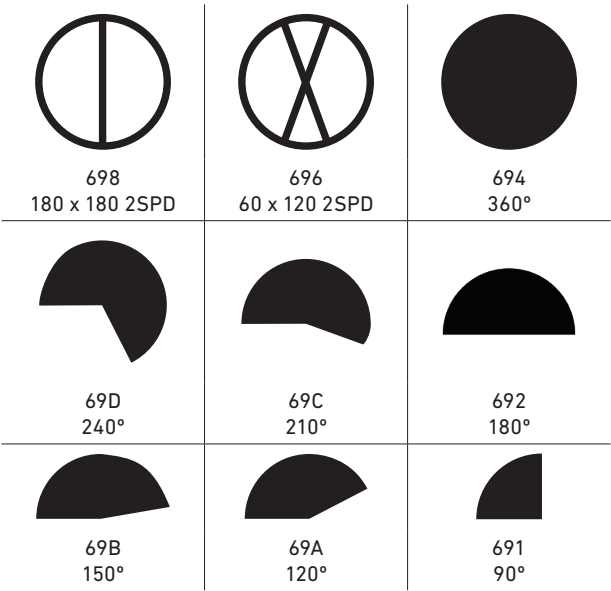
- ✓ 696 2-Speed Models
- ✓ 698 2-Speed Models



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Fixed Arc Drives

Nine fixed arc drive assemblies ensure positive retention of the coverage area with no arc drift.



Specifying Information — 690 Series Rotors

69X-0X-XXX			
Arc	Valve-In-Head Type	Nozzle	Pressure Regulation*
69X	0X	XX	X
1—90° 2—180° 4—Full-circle 6—Full-circle, 2-speed (60°–120°) 8—Full-circle, 2-speed (180°–180°)	1—Normally Open Hydraulic 2—Check-O-Matic 6—Electric	90 91 92	8—80 psi 1—100 psi
Example: When specifying a 690 Series Sprinkler with a 180° arc, electric valve-in-head, #91 nozzle, and pressure regulation at 80 Psi, you would specify: 692-06-918			

*Electric models only.