

2001® Series Sprinklers

15-21,7m (48'-71') Radius

With an adjustable arc and complete selection of color-coded nozzles, the 2001 Series sprinkler takes you to a new level of convenience in design, installation and maintenance.

Key Features

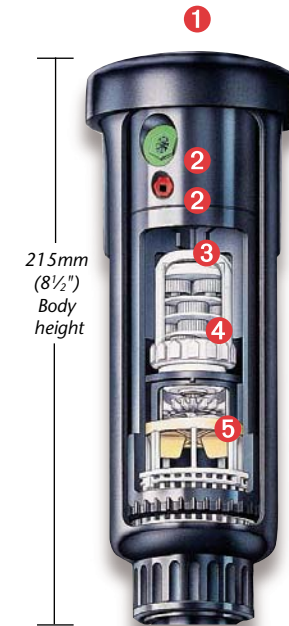
- All adjustments located beneath rubber cover
- 6 main nozzles and 2 inner nozzles for optimum coverage
- Smart Arc™ memory feature returns arc to previous setting (even if nozzle is turned beyond setting)
- Bi-directional planetary water-lubricated gear drive provides extended life
- Stainless-steel riser available, ideal for sandy applications

Additional Features

- Arc adjustable from the top (30°-360°)
- Screw-in nozzles — no adjustment screw required for retention
- Color-coded nozzle tree, supplied with each sprinkler provides easy identification and installation
- Full 100mm (4") pop-up
- Standard Check-O-Matic eliminates low-head drainage, keeping laterals charged with water
- Snap ring designed for ease of maintenance
- Unique, over-molded wiper seal for greater debris resistance

Specifications

- Radius: 15-21,7m (48'-71')
- Flow rate: 21-118 LPM (5.6-31.3 GPM)
- Operating pressure range: 2,8-7,0 Bar (40-100 PSI)
- Recommended operating pressure: 4 Bar (60 PSI)
- 25mm (1") female-threaded inlet (NPT or BSP)
- Nozzle trajectory: 25°
- Pop-up to main nozzle: 95mm (33/4")
- Precipitation rate: 7-18mm/hr (0.23-0.72 in/hr)
- Check-O-Matic maintains 3m (10') elevation change
- Dimensions:
 - Height: 215mm (8 1/2")
 - Exposed surface: 85mm (3 3/8")
 - Body diameter: 63,5mm (2 1/2")



- ❶ Standard rubber cover with laser-etched indications on cap
- ❷ Screw-in, color-coded nozzles
- ❸ Arc memory
- ❹ Bi-directional planetary water-lubricated gear drive
- ❺ Variable/reversing stator



89-4717
2001® Adjustment Tool



2001® Series Specifying Information

☒ 2001 ☒ - ☐☐☐ - ☐☐ - ☐

Optional	Arc	Body Thread	Nozzle		Optional
S—Stainless steel	Blank—Adjustable Arc, 30°-360° F—Full-Circle, 360°	Blank—NPT BSP—BSP	6 9 12	15 18 24	E—Effluent Indicator Cap
For Example: When specifying a stainless-steel 2001 Series Sprinkler with an adjustable arc, an effluent indicator cap and BSP threads, you would specify: S-2001-BSP-E					

2001® Series Sprinklers



2001 Series Performance Data (Metric)																										
Base Pressure			Nozzle Sets																							
			6 ●				9 ●				12 ●				15 ●				18 ●				24 ●			
Bar	kPa	Kg/cm ²	Radius (m)	Flow (LPM)	Prec. Rate* ▲ ■		Radius (m)	Flow (LPM)	Prec. Rate* ▲ ■		Radius (m)	Flow (LPM)	Prec. Rate* ▲ ■		Radius (m)	Flow (LPM)	Prec. Rate* ▲ ■		Radius (m)	Flow (LPM)	Prec. Rate* ▲ ■					
2,75	275	2,80	14,6	21,2	6,9	6,0	14,9	30,7	9,6	8,3	15,2	38,6	11,6	10,0	15,8	47,7	13,2	11,4	16,5	55,6	14,1	12,2	17,4	69,3	15,8	13,7
3,0	300	3,06	14,8	22,4	7,1	6,1	15,1	32,1	9,7	8,4	15,2	40,6	12,2	10,5	16,2	50,2	13,2	11,5	16,9	58,4	14,1	12,2	17,6	73,0	16,3	14,1
3,5	350	3,57	15,3	24,8	7,3	6,3	15,6	39,9	11,3	9,8	15,6	44,6	12,7	11,0	16,8	55,3	13,6	11,7	17,1	64,2	15,2	13,2	18,0	80,5	17,2	14,9
4,0	400	4,08	15,5	26,4	7,6	6,6	15,8	37,8	10,5	9,1	16,1	48,2	12,9	11,1	17,0	59,7	14,1	12,2	17,3	70,8	16,4	14,2	18,2	86,5	18,1	15,6
4,5	450	4,59	15,7	28,1	7,9	6,8	16,0	40,4	10,9	9,5	16,3	51,6	13,4	11,6	17,9	63,9	16,4	14,2	18,3	74,9	15,5	13,4	19,1	92,3	17,5	15,2
5,0	500	5,10	16,0	29,7	8,0	6,9	16,3	42,9	11,2	9,7	16,8	54,7	13,4	11,6	18,4	68,0	13,9	12,0	18,9	79,7	15,4	13,4	20,0	98,3	16,7	14,4
5,5	550	5,61	16,4	31,4	8,1	7,0	16,7	45,3	11,2	9,7	17,6	57,4	12,8	11,1	18,9	72,1	14,0	12,1	19,8	84,6	14,9	12,9	20,7	105	16,9	14,7
6,0	600	6,12	16,7	33,0	8,2	7,1	17,4	47,3	10,8	9,4	17,9	60,4	13,0	11,3	19,1	75,5	14,3	12,4	20,2	88,7	15,0	13,0	21,2	109	16,8	14,5

2001 Series Performance Data (English)																								
Base Pressure			Nozzle Sets																					
			6 ●				9 ●				12 ●				15 ●				18 ●				24 ●	
PSI	Radius (ft)	Flow (GPM)	Prec. Rate* ▲ ■		Radius (ft)	Flow (GPM)	Prec. Rate* ▲ ■		Radius (ft)	Flow (GPM)	Prec. Rate* ▲ ■		Radius (ft)	Flow (GPM)	Prec. Rate* ▲ ■		Radius (ft)	Flow (GPM)	Prec. Rate* ▲ ■		Radius (ft)	Flow (GPM)	Prec. Rate* ▲ ■	
40	48	5.6	0.27	0.23	49	8.1	0.38	0.32	50	10.2	0.45	0.39	52	12.6	0.52	0.45	54	14.7	0.56	0.48	57	18.3	0.63	0.54
50	50	6.5	0.29	0.25	51	9.3	0.39	0.34	51	11.7	0.48	0.42	55	14.5	0.53	0.46	56	16.8	0.55	0.48	59	21.1	0.67	0.58
60	51	7.1	0.30	0.26	52	10.2	0.42	0.36	53	13.0	0.51	0.44	56	16.1	0.55	0.48	57	19.1	0.60	0.52	60	23.3	0.72	0.62
70	52	7.7	0.32	0.27	53	11.1	0.44	0.38	54	14.2	0.54	0.47	60	17.6	0.54	0.47	61	20.6	0.62	0.53	65	25.4	0.67	0.58
80	54	8.3	0.32	0.27	55	12.0	0.44	0.38	58	15.2	0.50	0.44	62	19.1	0.55	0.48	65	22.4	0.59	0.51	68	27.7	0.67	0.58

▲ Precipitation rates are for triangular spacing, shown in millimeters (Metric) or inches (English) per hour, calculated at 50% of diameter.
 ■ Precipitation rates are for square spacing, shown in millimeters (Metric) or inches (English) per hour, calculated at 50% of diameter.
 All performance specifications are based on the stated working pressure available at the base of the sprinkler.

2001 Series Pop-up Apex at 4,1 Bar (60 PSI)		
Nozzle	25°	
	Maximum Height of Spray Meters (Feet)	
6	3,5m	(11'6")
9	4,2m	(13'10")
12	4,1m	(13'5")
15	4,3m	(14'0")
18	4,3m	(14'2")
24	4,6m	(15')

- Gray spreader nozzles used with the 6-and 9 GPM main nozzle.
- Red spreader nozzles used with all other main nozzles.

