

2001® Series Spray

- **Radius: 48'-71' (15-21,7m)**
- **Pressure: 40-100 psi (2,8-7,0 Bar)**

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.



*Effluent
Options
Available*



*Standard
Check
Valve*

Water Management Highlight

Smart Arc™ Technology:

A rotor that's designed for park and sports field installations better be a rotor ready to withstand some trouble. Because let's face it, whether from vandals or just accidental movement during play, watering arcs get disturbed. With the Smart Arc memory feature on all 2001 Series rotors, the sprinkler will automatically return to the previous arc setting when tampering occurs.

Features & Benefits

Installation and Maintenance Ease

Arc setting indicator on top of the rotor allows for easy wet or dry adjustments from 45°-360°.

Smart Arc™ Memory

Returns sprinkler to previously-set arc if vandalized.

Standard Rubber Cover

The top of the sprinkler riser and body snap ring are covered with heavy duty rubber to minimize impact injuries.

Standard Check Valve

Prevents low-head drainage keeping laterals charged with water.

Heavy Duty Design

Overmolded wiper seal for debris resistance and bi-directional planetary water-lubricated gear drive provides extended life



89-4717
2001 Adjustment Tool

Specifications

Dimensions

- Height: 8½" (215mm)
- Exposed surface: 33⁄8" (85mm)
- Body diameter: 2½" (63,5mm)

Operating 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 (3¾")
- Precipitation rate: 7-18mm/hr (0.23-0.72 in/hr)
- Check-O-Matic maintains 3m (10') elevation change

Additional Features

- Stainless-steel riser available, ideal for sandy applications
- 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
- 6 main nozzles and 2 inner nozzles for optimum coverage
- 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

Warranty

- Five years

2001 Series Model List	
Model	Description
2001BSP	Adjustable Arc, 30° - 360°, BSP thread
2001FBSP	
S2001BSP	
S2001FBSP	Stainless Steel Riser, Adjustable Arc, 30° - 360°, BSP thread
	Stainless Steel Riser, Full Circle, BSP thread

Color Coded Nozzle Tree included

2001 Series Pop-up Apex at 4,1 Bar (60 PSI)

Nozzle Sets	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.

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* ▲ ■	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

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

Specifying Information—2001 Series

X-2001-X-XXX-XX-E					
Optional	Description	Arc	Body Thread	Nozzle	Optional
X	2001	X	XXX	XX	E
S—Stainless steel	2001–2001 Series Rotor	Blank—Adjustable Arc, 30°-360° F—Full-Circle, 360°	Blank—NPT BSP—BSP	6 15 9 18 12 24	E—Effluent Indicator Cap

Example: A stainless-steel 2001 Series Sprinkler with an adjustable arc, an effluent indicator cap and BSP threads, would be specified: **S-2001-BSP-E**