

MP Rotator® MP800 Nozzle

The MP Rotator MP800 Nozzle offers a higher precipitation rate designed for small spaces and spray retrofits.

KEY BENEFITS

- Simplify irrigation design and add flexibility with automatic matched precipitation rate of 0.8 in/hr
- Convert sprays to high-efficiency MP800 Nozzles with minimal run time increases
- Irrigate small-to-midsized spaces efficiently with high uniformity from the nozzle
- Maximize water efficiency with high distribution uniformity for healthy landscapes
- Reduce runoff and misting with strong, wind-resistant streams that cut through wind
- Protect the nozzle from debris with the MP Rotator double-pop feature



OPERATING SPECIFICATIONS





- Radius reduction up to approximately 25%
- Recommended operating pressure: 40 PSI
- Minimum radius setting achieved at 30 PSI
- Filtration recommended on dirty water applications
- Warranty period: 3 years

OPTIONS

- Pair with the Pro-Spray® PRS40 Sprinkler Body for pressure regulation to 40 PSI for nominal radius settings
- Pair with the Pro-Spray PRS30 Sprinkler Body for pressure regulation to 30 PSI for minimum radius settings

MP-800SR

Radius: 6' to 12'
Adjustable Arc & Full-Circle
Orange and Grey: 90° to 210°
Lime Green and Grey: 360°

Arc	Pressure	Min Radius				Max Radius			
				Radius	Flow	Radius	Flow	Precip in/hr	
				ft	GPM	ft	GPM	■	▲
	PSI								
90° 	30			6	0.13	8	0.17	0.90	1.04
	35			7	0.15	9	0.21	0.89	1.03
	40			8	0.16	10	0.23	0.83	0.96
	45			8	0.18	11	0.25	0.80	0.92
	50			9	0.19	11	0.27	0.79	0.92
	55			10	0.20	12	0.28	0.80	0.93
180° 	30			6	0.26	8	0.33	0.88	1.02
	35			7	0.29	9	0.38	0.85	0.99
	40			8	0.32	10	0.42	0.81	0.93
	45			8	0.36	11	0.46	0.77	0.88
	50			9	0.38	11	0.48	0.76	0.88
	55			10	0.40	12	0.50	0.73	0.84
210° 	30			6	0.30	8	0.35	0.80	0.93
	35			7	0.34	9	0.38	0.77	0.89
	40			8	0.37	10	0.43	0.81	0.91
	45			8	0.42	10	0.45	0.82	0.95
	50			9	0.44	11	0.49	0.73	0.85
	55			10	0.47	12	0.56	0.70	0.81
360° 	30			6	0.47	8	0.66	0.89	1.03
	35			7	0.52	9	0.71	0.80	0.92
	40			8	0.56	10	0.78	0.79	0.91
	45			8	0.59	10	0.85	0.78	0.90
	50			9	0.63	11	0.88	0.73	0.85
	55			10	0.70	12	0.98	0.70	0.81

Bold = Optimal pressure for the MP Rotator is 40 PSI. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40 Sprinkler Body, pressure regulated at 40 PSI.

* Flow and precipitation rates may change as a result of reducing radius.

MP-815







Radius: 8' to 16'

Adjustable Arc & Full Circle

Maroon and Grey: 90° to 210°

Lt. Blue and Grey: 210° to 270°











Olive and Grey: 360°

Arc	Pressure		Radius	Flow	Precip in/hr		
	PSI				ft	GPM	■
90° 	30		14	0.42	0.83	0.95	
	35		15	0.46	0.79	0.91	
	40		15	0.49	0.84	0.97	
	45		16	0.52	0.78	0.90	
	50		16	0.55	0.83	0.96	
	55		16	0.58	0.87	1.01	
180° 	30			13	0.75	0.85	0.99
	35			14	0.86	0.84	0.98
	40			15	0.93	0.80	0.92
	45			15	0.96	0.82	0.95
	50			16	1.06	0.80	0.92
	55			16	1.11	0.83	0.96
210° 	30			13	0.88	0.86	0.99
	35			14	0.96	0.81	0.93
	40			15	1.10	0.81	0.93
	45			15	1.16	0.85	0.98
	50			16	1.24	0.80	0.92
	55			16	1.30	0.84	0.97
270° 	30		13	1.14	0.87	1.00	
	35		14	1.24	0.81	0.94	
	40		15	1.40	0.80	0.92	
	45		15	1.47	0.84	0.97	
	50		16	1.54	0.77	0.89	
	55		16	1.61	0.81	0.93	
360° 	30		13	1.52	0.87	1.00	
	35		14	1.70	0.83	0.96	
	40		15	1.87	0.80	0.92	
	45		15	2.00	0.86	0.99	
	50		16	2.13	0.80	0.92	
	55		16	2.26	0.85	0.98	

Bold = Optimal pressure for the MP Rotator is 40 PSI. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40 Sprinkler Body, pressure regulated at 40 PSI.

MP-820

- Radius:** 16' to 24'
- Adjustable Arc & Full-Circle
- Red:** 90° to 210°
- Red and Green:** 210° to 270°
- Black** 360°

Arc	Pressure		Radius	Flow	Precip in/hr	
	PSI				ft	GPM
90° 	30		20	0.85	0.82	0.94
	35		21	0.93	0.81	0.94
	40		22	0.97	0.77	0.89
	45		23	1.06	0.77	0.89
	50		24	1.11	0.74	0.85
	55		24	1.16	0.77	0.89
180° 	30		20	1.72	0.83	0.96
	35		21	1.82	0.79	0.91
	40		22	2.01	0.80	0.92
	45		22	2.06	0.82	0.95
	50		23	2.21	0.80	0.93
	55		24	2.36	0.79	0.91
210° 	30		20	1.94	0.80	0.92
	35		21	2.10	0.78	0.91
	40		22	2.36	0.81	0.93
	45		22	2.39	0.81	0.94
	50		23	2.52	0.79	0.91
	55		24	2.66	0.76	0.88
270° 	30		20	2.53	0.81	0.94
	35		21	2.74	0.80	0.92
	40		22	3.00	0.80	0.92
	45		22	3.12	0.83	0.96
	50		23	3.30	0.80	0.93
	55		24	3.48	0.78	0.90
360° 	30		20	3.40	0.82	0.94
	35		21	3.68	0.80	0.93
	40		22	3.97	0.79	0.91
	45		22	4.08	0.81	0.94
	50		23	4.30	0.78	0.90
	55		24	4.53	0.76	0.87

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