

MP-820-90



Product Line: MP Rotator Nozzles

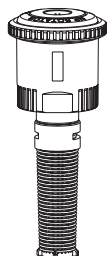
Product Model: MP Rotator® MP800 Nozzle

SKU: MP82090

Description: MP Rotator Nozzle, 0.8 in/hr precipitation rate, 15' to 24' radius, 90° to 210° adjustable arc, female thread, gray and black

Dimensions

Diameter: 1"



Operating Specifications

Arc: 90° to 210°

Operating Pressure: 40 PSI

Precipitation Rate: 0.8 in/hr

Radius: 6' to 24'

Flow: 0.85 to 1.16 GPM

Shipping Information

UPC-A: 196055004800

Origin: MADEINUSA

Master Carton: 200

Additional Information

Arc: 90° - 210°

Radius: 15' – 24'

MP-815

MP ROTATOR PERFORMANCE DATA

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°

MP-800SR

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

				Min Radius		Max Radius			
Arc	Pressure			Radius	Flow	Radius	Flow	Precip in/hr	
	PSI			ft	GPM	ft	GPM		
	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
	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
	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
	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.

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
Black and gray: 90° to 210°
Green and gray: 210° to 270°
Red and gray: 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

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.

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