

STANDARD MP ROTATOR

The MP Rotator nozzle is the most trusted high-efficiency solution on the market, offering up to 30% water savings over traditional spray nozzles.

Key Benefits

- Low precipitation rate of approximately 0.4 in/hr — lowest in the industry
- Double-pop feature protects the nozzle from external debris
- Automatic matched precipitation for simplified irrigation design and flexibility
- High distribution uniformity for a healthy landscape with maximum water efficiency

Additional Features

- Wind-resistant, multi-stream technology prevents misting
- Removable filter screen prevents nozzle from clogging
- Adjustable arc only when MP Rotator is running for vandal resistance
- Color-coded for easy identification

Operating Specifications

- Radius reduction up to approximately 25% on all models
- Minimum radius setting achieved at 30 PSI
- Recommended operating pressure: 40 PSI
- Warranty period: 3 years

Options

- Pair with Pro-Spray® PRS40 pop-up for pressure regulation to 40 PSI for nominal radius settings
- Pair with Pro-Spray PRS30 pop-up for pressure regulation to 30 PSI for minimum radius settings



Radius: 8' to 35'

Precipitation Rate: 0.4 in/hr

MP1000 - 8' to 15' radius



MP1000090

90° to 210°

MP1000210

210° to 270°

MP1000360

360°

MP2000 - 13' to 21' radius



MP2000090

90° to 210°

MP2000210

210° to 270°

MP2000360

360°

MP3000 - 22' to 30' radius



MP3000090

90° to 210°

MP3000210

210° to 270°

MP3000360

360°

MP3500 - 31' to 35' radius



MP350090

90° to 210°

Male Threaded



MP-HT

Male-threaded

STANDARD MP ROTATOR - SPECIFICATION BUILDER

1 Model	2 Arc Option	3 Option
MP1000 8' to 15' radius	90 Adjustable from 90° to 210°	(blank) No option
MP2000 13' to 21' radius	210 Adjustable from 210° to 270°	HT Male thread version <i>(Not available in 3500 or MP 1000-210 series)</i>
MP3000 22' to 30' radius	360 360°	
MP3500 31' to 35' radius		
MPLCS515 Left corner strip, 5' x 15'		
MPRCS515 Right corner strip, 5' x 15'		
MPSS530 Side strip, 5' x 30'		
MPCORNER 8' to 15' radius, adjustable from 45° to 105°		

MP ROTATOR PERFORMANCE DATA

MP1000






Radius: 8' to 15'

Adjustable Arc & Full Circle

● **Maroon:** 90° to 210°

● **Lt. Blue:** 210° to 270°

● **Olive:** 360°

Arc	Pressure PSI	Radius ft	Flow		Precip in/hr	
			GPM	GPH	■	▲
90° 	25	...	...	...	...	...
	30	12	0.17	10.2	0.45	0.52
	35	13	0.19	11.4	0.43	0.50
	40	14	0.21	12.6	0.41	0.48
	45	14	0.23	13.8	0.45	0.52
	50	15	0.25	15.0	0.43	0.49
	55	15	0.27	16.2	0.46	0.53
180° 	25	...	...	...	...	...
	30	12	0.34	20.4	0.45	0.52
	35	13	0.38	22.8	0.43	0.50
	40	14	0.42	25.2	0.41	0.48
	45	14	0.44	26.4	0.43	0.50
	50	15	0.50	30.0	0.43	0.49
	55	15	0.51	30.6	0.44	0.50
210° 	25	...	...	...	...	...
	30	12	0.40	24.0	0.46	0.53
	35	13	0.45	27.0	0.44	0.51
	40	14	0.49	29.4	0.41	0.48
	45	14	0.51	30.6	0.43	0.50
	50	15	0.57	34.2	0.42	0.48
	55	15	0.59	35.4	0.43	0.50
270° 	25	...	...	...	...	...
	30	12	0.48	28.8	0.43	0.49
	35	13	0.53	31.8	0.40	0.46
	40	14	0.63	37.8	0.41	0.48
	45	14	0.67	40.2	0.44	0.51
	50	15	0.72	43.2	0.41	0.47
	55	15	0.75	45.0	0.43	0.49
360° 	25	...	...	...	...	...
	30	12	0.69	41.4	0.46	0.53
	35	13	0.77	46.2	0.44	0.51
	40	14	0.84	50.4	0.41	0.48
	45	14	0.88	52.8	0.43	0.50

MP2000






Radius: 13' to 21'

Adjustable Arc & Full Circle

● **Black:** 90° to 210°

● **Green:** 210° to 270°

● **Red:** 360°

Arc	Pressure	Radius	Flow		Precip in/hr	
	PSI	ft	GPM	GPH	■	▲
90° 	25	17	0.34	20.4	0.45	0.52
	30	18	0.38	22.8	0.45	0.52
	35	19	0.40	24.0	0.43	0.49
	40	20	0.43	25.8	0.41	0.48
	45	21	0.46	27.6	0.40	0.46
	50	21	0.47	28.2	0.41	0.47
	55	21	0.48	28.8	0.42	0.48
180° 	25	16	0.6	36.0	0.45	0.52
	30	17	0.64	38.4	0.43	0.49
	35	18	0.71	42.6	0.42	0.49
	40	19	0.77	46.2	0.41	0.47
	45	20	0.85	51.0	0.41	0.47
	50	21	0.91	54.6	0.40	0.46
	55	21	0.95	57.0	0.41	0.48
210° 	25	16	0.72	43.2	0.46	0.54
	30	17	0.75	45.0	0.43	0.49
	35	18	0.81	48.6	0.41	0.48
	40	19	0.86	51.6	0.39	0.45
	45	20	0.91	54.6	0.38	0.43
	50	21	0.98	58.8	0.37	0.42
	55	21	1.01	60.6	0.38	0.44
270° 	25	16	0.87	52.2	0.44	0.50
	30	17	0.95	57.0	0.42	0.49
	35	18	1.03	61.8	0.41	0.47
	40	19	1.10	66.0	0.39	0.45
	45	20	1.17	70.2	0.38	0.43
	50	21	1.23	73.8	0.36	0.41
	55	21	1.30	78.0	0.38	0.44
360° 	25	16	1.20	72.0	0.45	0.52
	30	17	1.28	76.8	0.43	0.49
	35	18	1.37	82.2	0.41	0.47
	40	19	1.48	88.8	0.39	0.46
	45	20	1.57	94.2	0.38	0.44
	50	21	1.68	100.8	0.37	0.42

MP3000






Radius: 22' to 30'

Adjustable Arc & Full Circle

● **Blue:** 90° to 210°

● **Yellow:** 210° to 270°

● **Grey:** 360°




Arc	Pressure PSI	Radius ft	Flow		Precip in/hr	
			GPM	GPH	■	▲
90° 	25	25	0.71	42.6	0.44	0.51
	30	27	0.76	45.6	0.40	0.46
	35	28	0.82	49.2	0.40	0.46
	40	30	0.86	51.6	0.37	0.42
	45	30	0.90	54.0	0.39	0.44
	50	30	0.95	57.0	0.41	0.47
	55	30	1.01	60.6	0.43	0.50
180° 	25	25	1.44	86.4	0.44	0.51
	30	27	1.58	94.8	0.42	0.48
	35	28	1.70	102.0	0.42	0.48
	40	30	1.82	109.2	0.39	0.45
	45	30	1.93	115.8	0.41	0.48
	50	30	2.04	122.4	0.44	0.50
	55	30	2.13	127.8	0.46	0.53
210° 	25	25	1.68	100.8	0.44	0.51
	30	27	1.84	110.4	0.42	0.48
	35	28	1.99	119.4	0.42	0.48
	40	30	2.12	127.2	0.39	0.45
	45	30	2.25	135.0	0.41	0.48
	50	30	2.37	142.2	0.43	0.50
	55	30	2.49	149.4	0.46	0.53
270° 	25	25	2.19	131.4	0.45	0.52
	30	27	2.37	142.2	0.42	0.48
	35	28	2.55	153.0	0.42	0.48
	40	30	2.73	163.8	0.39	0.45
	45	30	2.89	173.4	0.41	0.48
	50	30	3.06	183.6	0.44	0.50
	55	30	3.22	193.2	0.46	0.53
360° 	25	25	2.88	172.8	0.44	0.51
	30	27	3.15	189.0	0.42	0.48
	35	28	3.40	204.0	0.42	0.48
	40	30	3.64	218.4	0.39	0.45
	45	30	3.86	231.6	0.41	0.48
	50	30	4.07	244.2	0.44	0.50

MP3500

Radius: 31' to 35'

Adjustable Arc



● **Lt. Brown:** 90° to 210°

Arc	Pressure	Radius	Flow		Precip in/hr	
			GPM	GPH	■	▲
90° 	30	34	1.13	67.8	0.38	0.43
	35	34	1.21	72.6	0.40	0.47
	40	35	1.28	76.8	0.40	0.46
	45	35	1.38	82.8	0.43	0.50
	50	35	1.43	85.8	0.45	0.52
	55	35	1.50	90.0	0.47	0.54
180° 	30	34	2.24	134.4	0.37	0.43
	35	34	2.65	159.0	0.44	0.51
	40	35	2.86	171.6	0.45	0.52
	45	35	3.10	186.0	0.49	0.56
	50	35	3.21	192.6	0.50	0.58
	55	35	3.28	196.8	0.52	0.60
210° 	30	34	2.84	170.4	0.41	0.47
	35	34	3.08	184.8	0.44	0.51
	40	35	3.29	197.4	0.44	0.51
	45	35	3.54	212.4	0.48	0.55
	50	35	3.76	225.6	0.51	0.59

Bold = Recommended pressure

MP ROTATOR PERFORMANCE DATA MP CORNER

MPCorner
 Radius: 8' to 15'
 Adjustable Arc
 ● Color Code: Turquoise

Arc	Pressure		Radius	Flow	
	PSI		ft	GPM	GPH
45° 	25		...	...	...
	30		12	0.17	10.2
	35		13	0.18	10.8
	40		14	0.19	11.4
	45		14	0.21	12.6
	50		14	0.22	13.2
	55		15	0.23	13.8
90° 	25		11	0.31	18.6
	30		12	0.34	20.4
	35		13	0.36	21.6
	40		14	0.39	23.4
	45		14	0.41	24.6
	50		15	0.43	25.8
	55		15	0.46	27.6
105° 	25		11	0.36	21.6
	30		12	0.39	23.4
	35		13	0.42	25.2
	40		14	0.45	27.0
	45		14	0.48	28.8
	50		15	0.51	30.6
	55		15	0.53	31.8

MP ROTATOR PERFORMANCE DATA SIDE STRIPS

- MPLCS515: Ivory Left Strip
- MPRCS515: Copper Right Strip
- MPSS530 Brown Side Strip

Arc	Pressure	Radius	Flow	
	PSI	ft	GPM	GPH
Left Strip -	30	4 x 14	0.19	11.4
	35	5 x 15	0.21	12.6
	40	5 x 15	0.22	13.2
	45	5 x 15	0.23	13.8
	50	6 x 16	0.25	15
	55	6 x 16	0.26	15.6
Right Strip -	30	4 x 14	0.19	11.4
	35	5 x 15	0.21	12.6
	40	5 x 15	0.22	13.2
	45	5 x 15	0.23	13.8
	50	6 x 16	0.25	15
	55	6 x 16	0.26	15.6
Side Strip -	30	4 x 28	0.38	22.8
	35	5 x 30	0.41	24.6
	40	5 x 30	0.44	26.4
	45	5 x 30	0.47	28.2
	50	6 x 32	0.49	29.4
	55	6 x 32	0.51	30.6