

MP ROTATOR CHARTS

MP Rotator Performance Data – Metric

MP1000

Radius: 2.5 to 4.5 m
Adjustable Arc and Full Circle
Color Code: Maroon, Lt. Blue, or Olive

Arc	Pressure Bars	Pressure kPa	Color	Radius m	Flow LPH	Flow LPM	Precip mm/hr
90°	1.75	175	Maroon = 90° to 210°	---	---	---	---
	2.00	200		3.7	36	0.61	11 12
	2.25	225		3.8	38	0.63	10 12
	2.50	250		4.0	41	0.68	10 12
	2.75	275		4.1	42	0.70	10 11
	3.00	300		4.3	44	0.73	10 11
	3.25	325		4.3	45	0.75	10 11
3.50	350	4.4	47	0.78	10 11		
3.75	375	4.6	49	0.81	9 11		
180°	1.75	175	Lt. Blue = 210° to 270°	---	---	---	---
	2.00	200		3.7	72	1.20	11 12
	2.25	225		3.8	76	1.27	10 12
	2.50	250		4.0	81	1.35	10 12
	2.75	275		4.1	84	1.40	10 11
	3.00	300		4.3	88	1.46	10 11
	3.25	325		4.3	91	1.51	10 11
3.50	350	4.4	94	1.56	10 11		
3.75	375	4.6	97	1.62	9 11		
270°	1.75	175	Olive = 360°	---	---	---	---
	2.00	200		3.5	144	2.40	12 14
	2.25	225		3.8	153	2.55	11 13
	2.50	250		4.0	161	2.69	10 12
	2.75	275		4.1	169	2.81	10 12
	3.00	300		4.3	177	2.94	10 11
	3.25	325		4.3	183	3.05	10 11
3.50	350	4.4	190	3.17	10 11		
3.75	375	4.5	195	3.25	10 11		

MP2000

Radius: 4 to 6.4 m
Adjustable Arc and Full Circle
Color Code: Black, Green, or Red

Arc	Pressure Bars	Pressure kPa	Color	Radius m	Flow LPH	Flow LPM	Precip mm/hr
90°	5.2	71	Black = 90° to 210°	5.2	71	1.18	11 12
	5.5	74		5.5	74	1.23	10 11
	5.6	80		5.6	80	1.33	10 12
	5.8	86		5.8	86	1.43	10 12
	6.1	91		6.1	91	1.52	10 11
	6.4	94		6.4	94	1.57	9 11
	6.6	97		6.6	97	1.62	9 10
6.7	101	6.7	101	1.68	9 10		
6.7	106	6.7	106	1.77	9 11		
180°	4.9	133	Green = 210° to 270°	4.9	133	2.22	11 12
	5.2	141		5.2	141	2.35	11 13
	5.3	150		5.3	150	2.50	11 13
	5.5	160		5.5	160	2.67	11 12
	5.8	168		5.8	168	2.80	10 12
	6.1	174		6.1	174	2.90	10 11
	6.2	182		6.2	182	3.03	9 11
6.4	189	6.4	189	3.15	9 10		
6.4	193	6.4	193	3.22	9 11		
270°	4.9	155	Red = 360°	4.9	155	2.58	11 12
	5.2	165		5.2	165	2.75	11 13
	5.3	175		5.3	175	2.92	11 13
	5.5	185		5.5	185	3.08	10 12
	5.8	195		5.8	195	3.25	10 12
	6.1	205		6.1	205	3.42	10 11
	6.2	214		6.2	214	3.57	9 11
6.4	222	6.4	222	3.70	9 10		
6.4	228	6.4	228	3.80	10 11		
360°	4.9	199	Gray = 360°	4.9	199	3.32	11 12
	5.2	212		5.2	212	3.53	11 13
	5.3	225		5.3	225	3.75	11 13
	5.5	238		5.5	238	3.97	10 12
	5.8	249		5.8	249	4.15	10 12
	6.1	261		6.1	261	4.35	10 11
	6.2	272		6.2	272	4.53	9 11
6.4	282	6.4	282	4.70	9 10		
6.4	293	6.4	293	4.88	9 11		
360°	4.9	265	Blue = 90° to 210°	4.9	265	4.42	11 12
	5.2	283		5.2	283	4.72	11 13
	5.3	300		5.3	300	5.00	11 13
	5.5	317		5.5	317	5.28	10 12
	5.8	333		5.8	333	5.55	10 12
	6.1	348		6.1	348	5.80	10 11
	6.2	362		6.2	362	6.03	9 11
6.4	375	6.4	375	6.25	9 10		
6.4	384	6.4	384	6.40	9 10		

MP3000

Radius: 6.7 to 9.1 m
Adjustable Arc and Full Circle
Color Code: Blue, Yellow, or Gray

Arc	Pressure Bars	Pressure kPa	Color	Radius m	Flow LPH	Flow LPM	Precip mm/hr
90°	7.6	158	Blue = 90° to 210°	7.6	158	2.63	11 13
	8.2	166		8.2	166	2.77	10 11
	8.4	175		8.4	175	2.92	10 12
	8.5	185		8.5	185	3.08	10 12
	9.1	195		9.1	195	3.25	9 11
	9.1	203		9.1	203	3.38	10 11
	9.1	212		9.1	212	3.53	10 12
9.1	220	9.1	220	3.67	11 12		
9.1	228	9.1	228	3.80	11 13		
180°	7.6	329	Yellow = 210° to 270°	7.6	329	5.48	11 13
	8.2	353		8.2	353	5.88	10 12
	8.4	373		8.4	373	6.22	11 12
	8.5	393		8.5	393	6.55	11 12
	9.1	413		9.1	413	6.88	10 11
	9.1	431		9.1	431	7.18	10 12
	9.1	449		9.1	449	7.48	11 12
9.1	466	9.1	466	7.77	11 13		
9.1	481	9.1	481	8.02	12 13		
270°	7.6	501	Gray = 360°	7.6	501	6.40	11 13
	8.2	530		8.2	530	6.83	10 12
	8.4	560		8.4	560	7.33	11 12
	8.5	589		8.5	589	7.82	11 12
	9.1	619		9.1	619	8.32	10 11
	9.1	646		9.1	646	8.77	10 12
	9.1	673		9.1	673	9.22	11 12
9.1	701	9.1	701	9.68	11 13		
9.1	727	9.1	727	10.12	12 13		
360°	7.6	659	Blue = 90° to 210°	7.6	659	10.98	11 13
	8.2	703		8.2	703	11.72	10 12
	8.4	745		8.4	745	12.42	11 12
	8.5	786		8.5	786	13.10	11 12
	9.1	825		9.1	825	13.75	10 11
	9.1	862		9.1	862	14.37	10 12
	9.1	897		9.1	897	14.95	11 12
9.1	931	9.1	931	15.52	11 13		
9.1	964	9.1	964	16.07	12 13		



WORKS BEST WITH PRS40
See page 38.

MP ROTATORS

MP Rotator Performance Data – Metric

MP Corner
Radius: 2.4 to 4.5 m
Adjustable Arc
Color Code: Turquoise

Arc	Pressure Bars	Pressure kPa	Color	Radius m	Flow LPH	Flow LPM
45°	1.75	175	Turquoise = 45° to 105°	---	---	---
	2.00	200		3.5	36	0.61
	2.25	225		3.8	38	0.63
	2.50	250		4.0	41	0.68
	2.75	275		4.1	42	0.70
	3.00	300		4.3	44	0.73
	3.25	325		4.3	45	0.75
3.50	350	4.4	47	0.78		
3.75	375	4.5	49	0.81		
90°	1.75	175	Turquoise = 45° to 105°	3.2	69	1.15
	2.00	200		3.5	76	1.27
	2.25	225		3.8	79	1.31
	2.50	250		4.0	84	1.40
	2.75	275		4.1	86	1.44
	3.00	300		4.3	94	1.57
	3.25	325		4.3	98	1.63
3.50	350	4.4	100	1.67		
3.75	375	4.5	104	1.73		
105°	1.75	175	Turquoise = 45° to 105°	3.2	80	1.34
	2.00	200		3.5	89	1.48
	2.25	225		3.8	92	1.53
	2.50	250		4.0	98	1.63
	2.75	275		4.1	102	1.70
	3.00	300		4.3	110	1.83
	3.25	325		4.3	113	1.88
3.50	350	4.4	117	1.94		
3.75	375	4.5	120	2.00		

MP Rotator Performance Data – Metric

MPLCS515
MPRCS515
MPSS530

Nozzle Model	Pressure Bars	Pressure kPa	Color	Width x Length	Flow LPM	Flow LPH
MP Left Strip	2.1	210	Ivory	1.2 m x 4.3 m	0.72	43.2
	2.4	240		1.5 m x 4.6 m	0.80	48.0
	2.8	280		1.5 m x 4.6 m	0.83	49.8
	3.1	310		1.5 m x 4.6 m	0.87	52.2
	3.4	340		1.8 m x 4.9 m	0.95	57.0
3.8	380	1.8 m x 4.9 m	0.98	58.8		
MP Right Strip	2.1	210	Copper	1.2 m x 4.3 m	0.72	43.2
	2.4	240		1.5 m x 4.6 m	0.80	48.0
	2.8	280		1.5 m x 4.6 m	0.83	49.8
	3.1	310		1.5 m x 4.6 m	0.87	52.2
	3.4	340		1.8 m x 4.9 m	0.95	57.0
3.8	380	1.8 m x 4.9 m	0.98	58.8		
MP Side Strip	2.1	210	Brown	1.2 m x 8.5 m	1.44	86.4
	2.4	240		1.5 m x 9.1 m	1.55	93.0
	2.8	280		1.5 m x 9.1 m	1.66	99.6
	3.1	310		1.5 m x 9.1 m	1.78	106.8
	3.4	340		1.8 m x 9.8 m	1.85	111.0
3.8	380	1.8 m x 9.8 m	1.93	115.8		

Note: Strip pattern radius can be adjusted by 25%. MP Rotator is designed to maintain matched precipitation after radius adjustment.



MP STICK

The MP Stick snaps on to 1" PVC of any length to easily adjust MP Rotators while standing up.



MP TOOL

Adjustments to MP Rotators are simply a snap with this handy tool.