

THE IDEAL 2.5-9 M SOLUTION

Maintain Matched Precipitation — Any Arc, Any Radius

Specify Model & Arc. Add "T" to Model Name to specify Male Thread.
 Example: **MP2000 90-210**
Model Arc

ADJUSTABLE RADIUS | **ADJUSTABLE ARC**

Arc Setting	MP1000*	MP2000*	MP3000**
90°	MP1000 90-210 stream height @ 2 bar = 0.41 m 2.5 m ← 4.6 m RADIUS REDUCTION	MP2000 90-210 stream height @ 2 bar = 1.02 m 4 m ← 6.4 m RADIUS REDUCTION	MP3000 90-210 stream height @ 2.8 bar = 2.01 m 6.7 m ← 9.1 m RADIUS REDUCTION
180°	MP1000 360 stream height @ 2 bar = 0.41 m 2.5 m ← 4.6 m RADIUS REDUCTION	MP2000 360 stream height @ 2 bar = 1.02 m 4 m ← 6.4 m RADIUS REDUCTION	MP3000 360 stream height @ 2.8 bar = 2.01 m 6.7 m ← 9.1 m RADIUS REDUCTION
210°	MP1000 210-270 stream height @ 2 bar = 0.41 m 2.5 m ← 4.6 m RADIUS REDUCTION	MP2000 210-270 stream height @ 2 bar = 1.02 m 4 m ← 6.4 m RADIUS REDUCTION	MP3000 210-270 stream height @ 2.8 bar = 2.01 m 6.7 m ← 9.1 m RADIUS REDUCTION
270°	MP1000 90-210 stream height @ 2 bar = 0.41 m 2.5 m ← 4.6 m RADIUS REDUCTION	MP2000 90-210 stream height @ 2 bar = 1.02 m 4 m ← 6.4 m RADIUS REDUCTION	MP3000 90-210 stream height @ 2.8 bar = 2.01 m 6.7 m ← 9.1 m RADIUS REDUCTION
360°	MP1000 360 stream height @ 2 bar = 0.41 m 2.5 m ← 4.6 m RADIUS REDUCTION	MP2000 360 stream height @ 2 bar = 1.02 m 4 m ← 6.4 m RADIUS REDUCTION	MP3000 360 stream height @ 2.8 bar = 2.01 m 6.7 m ← 9.1 m RADIUS REDUCTION

MP1000 colors: Maroon, Olive
 MP2000 colors: Black, Green, Red
 MP3000 colors: Blue, Yellow, Gray

*To obtain full radius reduction for the MP1000 and MP2000, operate at a maximum of 2 bar. ** When operating the MP3000 at full radius reduction maintain a minimum pressure of 2.8 bar to assure reliable operation.

MP CORNER

stream height @ 2 bar = 0.25 m
 2.5 m ← 4.5 m
 RADIUS REDUCTION

45-105°

MP Corner

 Turquoise

The MP Corner is designed for tight corners that are difficult to irrigate properly with conventional sprinklers. It has an adjustable arc from 45° to 105°, maintains MPR at any arc, any radius and can be placed on the same zone with any other MP Rotator model.

All MP Rotators can be combined on the same zone for greater design and installation flexibility.

Arc Setting	MP1000							MP2000							MP3000							
	kPa	bar	Rad.(M)	LPH	LPM	mm/hr	mm/hr▲	KPA	bar	Rad.(M)	LPH	LPM	mm/hr	mm/hr▲	KPA	bar	Rad.(M)	LPH	LPM	mm/hr	mm/hr▲	
90°	200	2.00	3.7	36	0.61	11	12	175	1.75	5.2	71	1.18	11	12	175	1.75	7.6	158	2.63	11	13	
180°	200	2.00	3.7	72	1.20	11	12	175	1.75	4.9	133	2.22	11	12	175	1.75	7.6	329	5.48	11	13	
210°	200	2.00	3.7	85	1.41	11	13	175	1.75	5.2	141	2.35	11	13	175	1.75	8.2	353	5.88	10	12	
270°	200	2.00	3.7	89	1.48	10	12	175	1.75	5.3	175	2.92	11	13	175	1.75	8.4	436	7.27	11	12	
360°	200	2.00	3.7	95	1.58	10	12	175	1.75	5.5	185	3.08	10	12	175	1.75	8.5	459	7.65	11	12	
	225	2.25	3.8	41	0.68	10	12	225	2.25	5.8	86	1.43	10	12	225	2.25	8.4	175	2.92	10	12	
	225	2.25	3.8	82	1.36	10	12	225	2.25	5.5	160	2.67	11	12	225	2.25	8.5	393	6.55	11	12	
	250	2.50	4.0	41	0.68	10	12	250	2.50	5.8	168	2.80	10	12	250	2.50	9.1	413	6.88	10	11	
	250	2.50	4.0	82	1.36	10	12	250	2.50	6.1	174	2.90	10	11	250	2.50	9.1	431	7.18	10	12	
	275	2.75	4.1	42	0.70	10	11	275	2.75	6.2	182	3.03	9	11	275	2.75	9.1	449	7.48	11	12	
	275	2.75	4.1	84	1.40	10	11	275	2.75	6.4	189	3.15	9	10	275	2.75	9.1	466	7.77	11	12	
	300	3.00	4.3	44	0.73	10	11	300	3.00	6.4	193	3.22	9	11	300	3.00	9.1	481	8.02	12	13	
	300	3.00	4.3	88	1.46	10	11	300	3.00	6.4	199	3.32	11	12	300	3.00	9.1	501	8.35	12	13	
	325	3.25	4.3	45	0.75	10	11	325	3.25	6.2	214	3.57	9	11	325	3.25	9.1	523	8.72	11	12	
	325	3.25	4.3	90	1.50	10	11	325	3.25	6.2	214	3.57	9	11	325	3.25	9.1	542	9.03	11	13	
	350	3.50	4.4	47	0.78	10	11	350	3.50	6.4	222	3.70	9	10	350	3.50	9.1	562	9.37	12	13	
	350	3.50	4.4	94	1.56	10	11	350	3.50	6.4	228	3.80	10	11	350	3.50	9.1	589	9.82	11	12	
	375	3.75	4.6	49	0.81	9	11	375	3.75	6.4	233	3.88	9	11	375	3.75	9.1	619	10.32	10	11	
	375	3.75	4.6	98	1.62	9	11	375	3.75	6.4	233	3.88	9	11	375	3.75	9.1	646	10.77	10	12	

Radius measured on a 10 cm high riser. Precipitation rates are based on head-to-head throw coverage.

Arc Setting	MP CORNER				
	kPa	bar	Rad.(M)	LPH	LPM
45°	200	2.00	3.5	36	0.61
90°	200	2.00	3.5	76	1.27
105°	200	2.00	3.5	89	1.48
	225	2.25	3.8	38	0.63
	225	2.25	3.8	79	1.31
	250	2.50	4.0	41	0.68
	250	2.50	4.0	84	1.40
	275	2.75	4.1	42	0.70
	275	2.75	4.1	86	1.44
	300	3.00	4.3	44	0.73
	300	3.00	4.3	94	1.57
	325	3.25	4.3	45	0.75
	325	3.25	4.3	98	1.63
	350	3.50	4.4	47	0.78
	350	3.50	4.4	100	1.67
	375	3.75	4.5	49	0.81
	375	3.75	4.5	104	1.73

RADIUS ADJUSTMENT* SCREW
 clockwise to decrease radius

ARC ADJUSTMENT* RING
 clockwise to increase the arc

LEFT EDGE INDICATOR
 arc is clockwise from this mark

INLET SCREEN
CAUTION: Do not run the MP Rotator without the inlet screen provided!

***Built-in slip clutch prevents damage from over adjustment.**

Easy radius adjustment

Easy arc adjustment