



Easy radius adjustment.



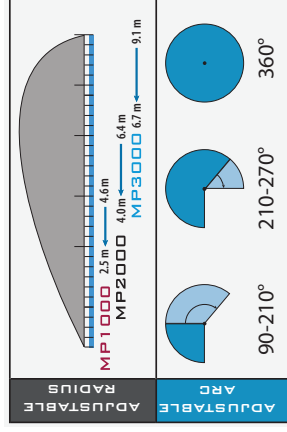
Easy arc adjustment.



MP ROTATOR®

The Ideal 2.5 m-9 m Solution

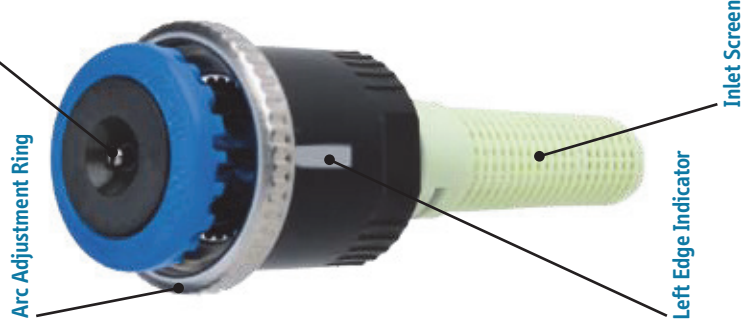
Maintain Matched Precipitation — Any Arc, Any Radius.
All MP Rotator® sprinklers can be combined on the same zone for greater design and installation flexibility.



Radius Adjustment Screw

- Arc Adjustment:** (Excludes 360 models)
 - Install the MP Rotator with the **Left Edge Indicator** pointing to the left side of the desired watering direction.
 - With the MP Rotator operating and in the pop-up position, rotate the **Arc Adjustment Ring:**
 - Clockwise to increase the arc
 - Counter-clockwise to decrease the arc

- Radius Adjustment:**
 - Factory setting is for full radius. Radius can be reduced by 25%.
 - With the MP Rotator tool or small, flat-bladed screwdriver, rotate the **Radius Adjustment Screw:**
 - Counter-clockwise to decrease the arc
 - Counter-clockwise to increase the arc.



Water Conservation

MP Rotators are more efficient than sprays because they apply water more slowly and evenly. In fact, you use **30% less water** even though you run MP Rotators about twice as long as sprays. See below for comparison at 2.1 Bars/207 kPa with half-circle operation:

15H Spray Nozzle 7 litres/minute x 10 minute run time = 70 litres
MP2000 90-210° 2.35 litres/minute x 20 minute run time = 47 litres

SAVINGS = 23 litres or 33%

Lower System Cost

The good news about applying water more slowly and evenly is that MP Rotators lower your system costs. You can run more heads off your water meter and reduce the number of zones required. In many cases, you can use smaller pipe. See below for comparison at 2.1 Bars/207 kPa with half-circle operation.

Flow (LPM)	Max. # 15H Sprays	Max. # MP2000s
60	8	25
80	11	35
8.3	20	59

Hunter®
The Irrigation Innovators

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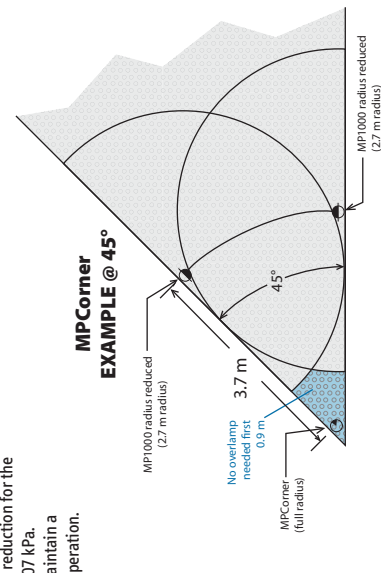
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MP Rotator Performance Data – Metric

Arc	Pressure Bars - kPa	MP1000 Radius: 2.5 to 4.6 m Adjustable Arc and Full Circle Color Code: Maroon or Olive			MP2000 Radius: 4.1 to 6.4 m Adjustable Arc and Full Circle Color Code: Black, Green, or Red			MP3000 Radius: 6.7 to 9.1 m Adjustable Arc and Full Circle Color Code: Blue, Yellow, or Gray						
		Radius m	Flow LPH	Flow LPM	Radius m	Flow LPH	Flow LPM	Radius m	Flow LPH	Flow LPM				
90°	1.75	1.75	---	---	5.2	71	1.18	11	12	7.6	158	2.63	11	13
	2.00	2.00	3.7	0.61	5.2	71	1.18	11	12	8.2	166	2.77	10	11
	2.25	2.25	3.8	0.63	5.5	74	1.23	10	11	8.4	175	2.92	10	12
	2.50	2.50	4.0	0.68	5.8	86	1.43	10	12	8.5	185	3.08	10	12
	2.75	2.75	4.1	0.70	6.1	91	1.52	10	11	9.1	195	3.25	9	11
	3.00	3.00	4.3	0.73	6.4	94	1.57	9	11	9.1	202	3.38	10	12
	3.25	3.25	4.3	0.75	6.6	97	1.62	9	11	9.1	213	3.53	10	12
	3.50	3.50	4.4	0.78	6.7	101	1.68	9	11	9.1	220	3.67	11	13
	3.75	3.75	4.5	0.81	6.7	106	1.77	9	11	9.1	228	3.80	11	13
	180°	1.75	1.75	---	---	4.9	133	2.22	11	12	7.6	329	5.48	11
2.00		2.00	3.7	1.20	5.2	141	2.35	11	13	8.2	353	5.88	10	12
2.25		2.25	3.8	1.27	5.3	150	2.50	11	13	8.4	373	6.22	11	12
2.50		2.50	4.0	1.35	5.5	160	2.67	11	12	8.5	393	6.55	11	12
2.75		2.75	4.1	1.40	5.8	168	2.80	10	12	9.1	413	6.88	10	11
3.00		3.00	4.3	1.46	6.1	174	2.90	10	11	9.1	431	7.18	10	12
3.25		3.25	4.3	1.51	6.2	182	3.03	9	11	9.1	449	7.48	11	13
3.50		3.50	4.4	1.56	6.4	189	3.15	9	10	9.1	466	7.77	11	13
3.75		3.75	4.5	1.62	6.4	193	3.22	9	11	9.1	481	8.02	12	13
210°		1.75	1.75	---	---	4.9	155	2.58	11	12	7.6	384	6.40	11
	2.00	2.00	3.7	1.41	5.2	165	2.75	11	13	8.2	411	6.85	10	12
	2.25	2.25	3.8	1.48	5.3	175	2.92	11	13	8.4	436	7.27	11	12
	2.50	2.50	4.0	1.58	5.5	185	3.08	10	12	8.5	459	7.65	11	12
	2.75	2.75	4.1	1.63	5.8	195	3.25	10	12	9.1	481	8.02	10	11
	3.00	3.00	4.3	1.71	6.1	205	3.42	10	11	9.1	502	8.37	10	12
	3.25	3.25	4.3	1.76	6.2	214	3.57	9	11	9.1	523	8.72	11	12
	3.50	3.50	4.4	1.82	6.4	222	3.70	9	10	9.1	542	9.03	11	13
	3.75	3.75	4.5	1.89	6.4	228	3.80	10	11	9.1	562	9.37	12	13
	270°	1.75	1.75	---	---	5.2	212	3.53	11	13	7.6	501	8.35	12
2.00		2.00	3.7	1.80	5.2	212	3.53	11	13	8.2	530	8.83	10	12
2.25		2.25	3.8	1.14	5.3	225	3.75	11	13	8.4	560	9.32	11	12
2.50		2.50	4.0	1.23	5.5	238	3.97	10	12	8.5	589	9.83	11	12
2.75		2.75	4.1	1.26	5.8	249	4.15	10	12	9.1	619	10.32	10	11
3.00		3.00	4.3	1.32	6.1	261	4.35	10	11	9.1	646	10.77	10	12
3.25		3.25	4.3	1.35	6.2	272	4.53	9	11	9.1	673	11.22	11	12
3.50		3.50	4.4	1.41	6.4	282	4.70	9	10	9.1	701	11.68	11	13
3.75		3.75	4.5	1.47	6.4	283	4.88	9	11	9.1	727	12.12	12	13
360°		1.75	1.75	---	---	4.9	265	4.42	11	12	7.6	659	10.96	11
	2.00	2.00	3.5	1.44	5.2	283	4.72	11	13	8.2	703	11.72	10	12
	2.25	2.25	3.8	1.53	5.3	300	5.00	11	13	8.4	745	12.42	11	12
	2.50	2.50	4.0	1.69	5.5	317	5.28	10	12	8.5	786	13.10	11	12
	2.75	2.75	4.1	1.77	5.8	333	5.55	10	12	9.1	825	13.75	10	12
	3.00	3.00	4.3	1.84	6.1	346	5.80	10	11	9.1	862	14.37	10	12
	3.25	3.25	4.3	1.83	6.2	352	6.03	9	11	9.1	897	14.95	11	12
	3.50	3.50	4.4	1.90	6.4	375	6.23	9	10	9.1	931	15.52	11	13
	3.75	3.75	4.5	1.95	6.4	384	6.40	9	10	9.1	964	16.07	12	13

Radius measured on a 4" high riser. * To obtain full radius reduction for the MP1000 and MP2000, operate at a maximum of 2.1 Bars/207 kPa.

** When operating the MP3000 at full radius reduction maintain a minimum pressure of 2.8 Bars/276 kPa to assure reliable operation.



MP Rotator Performance Data – Metric

Arc	Pressure Bars - kPa	MP Corner Radius: 2.4 to 4.6 m Adjustable Arc Color Code: Turquoise		
		Radius m	Flow LPH	Flow LPM
45°	1.75	1.75	---	---
	2.00	2.00	3.5	0.61
	2.25	2.25	3.8	0.63
	2.50	2.50	4.0	0.68
	2.75	2.75	4.1	0.70
	3.00	3.00	4.3	0.73
	3.25	3.25	4.3	0.75
	3.50	3.50	4.4	0.78
	3.75	3.75	4.5	0.81
	90°	1.75	1.75	---
2.00		2.00	3.2	0.59
2.25		2.25	3.5	0.62
2.50		2.50	3.8	0.67
2.75		2.75	4.0	0.71
3.00		3.00	4.3	0.76
3.25		3.25	4.4	0.79
3.50		3.50	4.5	0.82
3.75		3.75	4.6	0.85
105°		1.75	1.75	---
	2.00	2.00	3.2	0.59
	2.25	2.25	3.5	0.62
	2.50	2.50	3.8	0.67
	2.75	2.75	4.1	0.71
	3.00	3.00	4.3	0.76
	3.25	3.25	4.4	0.79
	3.50	3.50	4.5	0.82
	3.75	3.75	4.5	0.85

MP Rotator Performance Data – Metric

Nozzle Model	Pressure Bars - kPa	MPLCS515 MPCRS515 MPSS530		
		Color	Unadjusted Radius LPH	Reduced Radius LPH
Left Strip	2.00	200	43	30
	2.25	225	45	33
	2.50	250	48	35
	2.75	275	50	36
	3.00	300	52	38
	3.25	325	54	40
Right Strip	2.00	200	43	30
	2.25	225	45	33
	2.50	250	48	35
	2.75	275	50	36
	3.00	300	52	38
	3.25	325	54	40
Slide Strip	2.00	200	43	30
	2.25	225	45	33
	2.50	250	48	35
	2.75	275	50	36
	3.00	300	52	38
	3.25	325	54	40