



THE IDEAL 2.5-9 m solution

ULTIMATE DESIGN FLEXIBILITY

Compared to fixed-arc sprays, single-stream rotors or a system comprised of both, MP Rotators deliver significant performance advantages, great design flexibility and for those applications requiring 15 cm or 30 cm high-pop rotors — impressive cost savings. The **MP1000** (2.5-4.6 m), the **MP2000** (4-6.4 m) and the **MP3000** (6.7-9 m) can be combined on the same zone, maintain a matched precipitation rate — even after arc and radius adjustment. MP Rotators perform better in the wind and virtually eliminate runoff due to their low precipitation rate. **Save water, solve problems.**



MP1000/MP2000 ADVANTAGES VS. CONVENTIONAL SPRAYS

- Higher uniformity — even after radius reduction
- Superior wind resistance
- Reduced misting at higher pressure
- Outstanding close-in water
- Lower application rate — radically less runoff
- Wider operating pressure range
- Lower system cost — ability to put more heads per zone or use smaller pipe, valve and water meter sizes

MP3000 ADVANTAGES VS. CONVENTIONAL ROTORS

- Better performance in wind with tight, high-energy 9 m streams
- Faster installation because nozzle trees are eliminated; left/right edges are always visible
- Matched precipitation between arc settings and after radius reduction
- Better uniformity after radius reduction — no diffuser screw to cause stream distortion
- Lower cost — especially for shrub, 15 cm and 30 cm pop-up models

MP1000

2.5-4.6 m radius



MP1000
(Female Thread)



MP1000T
(Male Thread)

MP2000

4-6.4 m radius



MP2000
(Female Thread)



MP2000T
(Male Thread)

MP3000

6.7-9 m radius

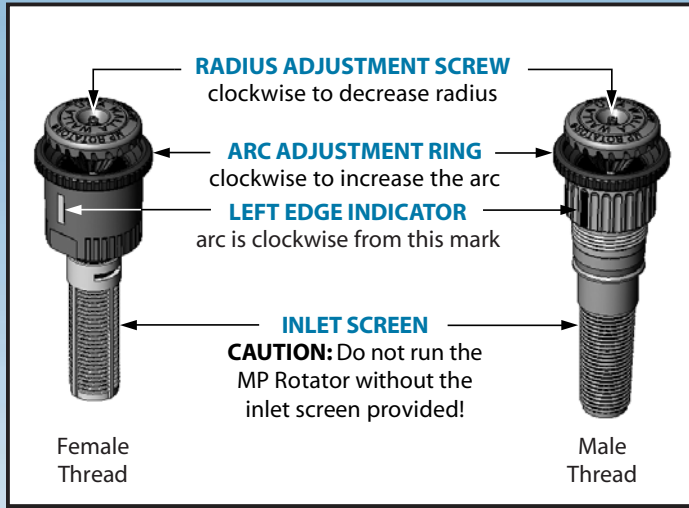
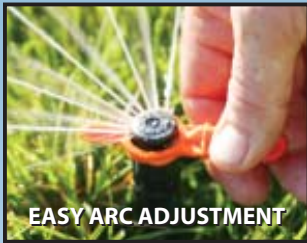


MP3000
(Female Thread)



MP3000T
(Male Thread)

The MP Rotator® covers a radius of 2.5-9 m (including the 25% radius reduction capability). To achieve maximum radius reduction with any MP Rotator model use a 2 BAR regulating spray head body.



MODEL **ARC**
MP2000 90-210

Specification Example:

MODEL:
MP1000 (for male thread specify MP1000T)
MP2000 (for male thread specify MP2000T)
or MP3000 (for male thread specify MP3000T)

ARC:
90-210 = adjustable arc 90° to 110°
210-270 = adjustable arc 210° to 270°
or 360 = fixed arc 360°

		MP1000*							
Arc		kPa	bar	Rad.(M)	LPH	LPM	mm/hr ▾	mm/hr ▲	
90°	MAROON = 90-210°	—	—	—	—	—	—	—	—
	200	2.00	3.7	36	0.61	11	12		
	225	2.25	3.8	38	0.63	10	12		
	250	2.50	4.0	41	0.68	10	12		
	275	2.75	4.1	42	0.70	10	11		
	300	3.00	4.3	44	0.73	10	11		
	325	3.25	4.3	45	0.75	10	11		
	350	3.50	4.4	47	0.78	10	11		
180°	MAROON = 90-210°	—	—	—	—	—	—	—	—
	200	2.00	3.7	72	1.20	11	12		
	225	2.25	3.8	76	1.27	10	12		
	250	2.50	4.0	81	1.35	10	12		
	275	2.75	4.1	84	1.40	10	11		
	300	3.00	4.3	88	1.46	10	11		
	325	3.25	4.3	91	1.51	10	11		
	350	3.50	4.4	94	1.56	10	11		
210°	MAROON = 90-210°	—	—	—	—	—	—	—	—
	200	2.00	3.7	85	1.41	11	13		
	225	2.25	3.8	89	1.48	10	12		
	250	2.50	4.0	95	1.58	10	12		
	275	2.75	4.1	98	1.63	10	11		
	300	3.00	4.3	102	1.71	10	11		
	325	3.25	4.3	106	1.76	10	11		
	350	3.50	4.4	109	1.82	10	11		
270°	MAROON = 90-210°	—	—	—	—	—	—	—	—
	200	2.00	3.7	85	1.41	11	13		
	225	2.25	3.8	89	1.48	10	12		
	250	2.50	4.0	95	1.58	10	12		
	275	2.75	4.1	98	1.63	10	11		
	300	3.00	4.3	102	1.71	10	11		
	325	3.25	4.3	106	1.76	10	11		
	350	3.50	4.4	109	1.82	10	11		
360°	MAROON = 90-210°	—	—	—	—	—	—	—	—
	200	2.00	3.7	85	1.41	11	13		
	225	2.25	3.8	89	1.48	10	12		
	250	2.50	4.0	95	1.58	10	12		
	275	2.75	4.1	98	1.63	10	11		
	300	3.00	4.3	102	1.71	10	11		
	325	3.25	4.3	106	1.76	10	11		
	350	3.50	4.4	109	1.82	10	11		

* The MP1000 is available in the 90-210° model only. If a design requires an MP1000 360° or MP1000 210-270°, specify the equivalent MP2000. It can be adjusted down to a 2.5 m radius when installed on a pressure regulating spray head body.

** For the MP3000 sprinkler, at 1.75 bar and 90° arc, rotation speed and radius reduction capability decrease significantly.

Radius measured on a 100 mm high riser. Precipitation rates are based on head-to-head throw coverage. The MP Rotator® covers a radius of 2.5-9 m (including the 25% radius reduction capability). To achieve maximum radius reduction with any MP Rotator model use a 2 bar regulating spray head body. **Best performance can be achieved by avoiding a combination of lowest adjustment limits and the lowest pressure.**

		MP2000								
Arc		KPA	bar	Rad.(M)	LPH	LPM	mm/hr ▾	mm/hr ▲		
90-210°	BLACK = 90-210°	175	1.75	5.2	71	1.18	11	12		
	200	2.00	5.5	74	1.23	10	11			
	225	2.25	5.6	80	1.33	10	12			
	250	2.50	5.8	86	1.43	10	12			
	275	2.75	6.1	91	1.52	10	11			
	300	3.00	6.4	94	1.57	9	11			
	325	3.25	6.6	97	1.62	9	10			
	350	3.50	6.7	101	1.68	9	10			
210-270°	GREEN = 210-270°	175	1.75	4.9	133	2.22	11	12		
	200	2.00	5.2	141	2.35	11	13			
	225	2.25	5.3	150	2.50	11	13			
	250	2.50	5.5	160	2.67	11	12			
	275	2.75	5.8	168	2.80	10	12			
	300	3.00	6.1	174	2.90	10	11			
	325	3.25	6.2	182	3.03	9	11			
	350	3.50	6.4	189	3.15	9	10			
360°	RED = 360°	175	1.75	4.9	155	2.58	11	12		
	200	2.00	5.2	165	2.75	11	13			
	225	2.25	5.3	175	2.92	11	13			
	250	2.50	5.5	185	3.08	10	12			
	275	2.75	5.8	195	3.25	10	12			
	300	3.00	6.1	205	3.42	10	11			
	325	3.25	6.2	214	3.57	9	11			
	350	3.50	6.4	222	3.70	9	10			

		MP3000								
Arc		KPA	bar	Rad.(M)	LPH	LPM	mm/hr ▾	mm/hr ▲		
90-210°	BLUE = 90-210°	175	1.75**	7.6	158	2.63	11	13		
	200	2.00	8.2	166	2.77	10	11			
	225	2.25	8.4	175	2.92	10	12			
	250	2.50	8.5	185	3.08	10	12			
	275	2.75	9.1	195	3.25	9	11			
	300	3.00	9.1	203	3.38	10	11			
	325	3.25	9.1	212	3.53	10	12			
	350	3.50	9.1	220	3.67	11	12			
210-270°	YELLOW = 210-270°	175	1.75	7.6	329	5.48	11	13		
	200	2.00	8.2	353	5.88	10	12			
	225	2.25	8.4	373	6.22	11	12			
	250	2.50	8.5	393	6.55	11	12			
	275	2.75	9.1	413	6.88	10	11			
	300	3.00	9.1	431	7.18	10	12			
	325	3.25	9.1	449	7.48	11	12			
	350	3.50	9.1	466	7.77	11	13			
360°	GRAY = 360°	175	1.75	7.6	481	8.02	12	13		
	200	2.00	8.2	411	6.85	10	12			
	225	2.25	8.4	436	7.27	11	12			
	250	2.50	8.5	459	7.65	11	12			
	275	2.75	9.1	481	8.02	10	11			
	300	3.00	9.1	502	8.37	10	12			
	325	3.25	9.1	523	8.72	11	12			
	350	3.50	9.1	542	9.03	11	13			



Walla Walla Sprinkler Company — 848 Airport Road, Walla Walla, WA 99362-2271, U.S.A.
Tel: 509.525.7660 — Fax: 509.525.7907 — info@mprotator.com — www.mprotator.com

Walla Walla Sprinkler Company is a subsidiary of Nelson Irrigation Corporation, a worldwide leader in water application solutions for agriculture.

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