

## HUNTER MP ROTATOR

A powerful sprinkler, water conservation device and valuable design tool, all in one. Introducing the MP Rotator. A multi-stream rotor that fits most conventional spray head body or shrub adapter, converting each into a high uniformity, low precipitation rate sprinkler. MP Rotator's strength gives superior wind resistance with tight, high-energy streams.

### FEATURES

- Low precipitation application save up to 30% water
- Multiple streams, promote uniform green turf & healthier plants
- Matched precipitation rates with any arc & any radius
- Wind resistant, multi trajectory streams, apply water slowly & uniform reducing runoff
- "Double pop" design, flushes on start up & shut down keeping sprinkler free from debris
- Easy adjustment ring enables exact arc setting on all part circle sprinklers
- Fits perfectly on all Hunter spray bodies
- Colour coded ID system for easy sprinkler identification
- Radius can be reduced 25% with no stream distortion
- Flow is reduced proportionately as radius is reduced
- Removable inlet filter keeps sprinkler free from internal debris
- Options 1.2m - 9m radius sprinklers offer balanced system & design flexibility
- Easy arc & radius adjustments with matched precipitation
- Superior close in watering, reduced misting at higher pressures
- Combine any sprinkler on the same zone for matched precipitation
- Left edge indicator to help with arc adjustment



MP200090



MP2000HT90

### WATER CONSERVATION

MP Rotators are more efficient than sprays because they apply water more slowly and evenly. 30% less water can be saved running the MP Rotators twice as long as conventional sprays. See table below for flow comparison at 207kPa. Check out [www.mprotator.com](http://www.mprotator.com) for more information

Conventional 15H nozzle	7 lpm x 10 minutes	70 litres used
180° MP2000 90-210	2.35 lpm x 20 minutes	47 litres used

Saving 23 litres or 33%

### LOWER SYSTEM COST

Applying water more slowly and evenly using the MP Rotator can lower system costs, allowing more sprinklers to run per valve reducing the number of stations required and in some installations smaller pipe work. See table below for comparison at 207kPa.

Flow (LPM)	Max # 15H Sprays	Max # MP2000s
60	8	25
80	11	35
120	16	51



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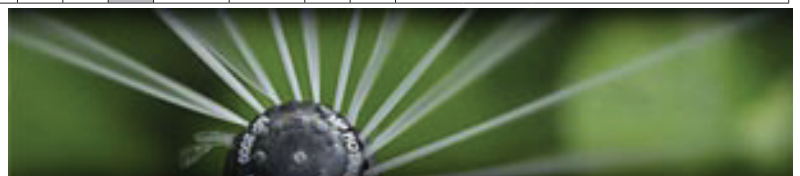
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## MP Rotator Performance Data - Metric

		MP1000 Radius: 3.7 to 4.6m Adjustable Arc & Full Circle Precipitation in mm/hr					MP2000 Radius: 4.0 to 6.4m Adjustable Arc & Full Circle Precipitation in mm/hr					MP3000 Radius: 6.7 to 9.1m Adjustable Arc & Full Circle Precipitation in mm/hr					MPCorner Radius: 2.4 to 4.6m Adjustable Arc						
Arc	kPa	Color	Radius M	Flow LPM	■	▲	Color	Radius M	Flow LPM	■	▲	Color	Radius M	Flow LPM	■	▲	Arc	kPa	Color	Radius M	Flow LPM		
90°	175	Maroon 90° to 210°	--	--			Black 90° to 210°	5.2	1.18	11	12	Blue 90° to 210°	7.6	2.63	11	13	45°	175	Turquoise 45° to 105°	--	--		
	200		3.7	0.61	11	12		5.5	1.23	10	11		8.2	2.77	10	11		200		3.5	0.61		
	225		3.8	0.63	10	12		5.6	1.33	10	12		8.4	2.92	10	12		225		3.8	0.63		
	250		4.0	0.68	10	12		5.8	1.43	10	12		8.5	3.08	10	12		250		4.0	0.68		
	275		4.1	0.70	10	11		6.1	1.52	10	11		9.1	3.25	9	11		275		4.1	0.70		
	300		4.3	0.73	10	11		6.4	1.57	9	11		9.1	3.38	10	11		300		4.3	0.73		
	325		4.3	0.75	10	11		6.6	1.62	9	10		9.1	3.53	10	12		325		4.3	0.75		
	350		4.4	0.78	10	11		6.7	1.68	9	10		9.1	3.67	11	12		350		4.4	0.78		
	375		4.6	0.81	9	11		6.7	1.77	9	11		9.1	3.8	11	13		375		4.5	0.81		
180°	175	Maroon 90° to 210°	--	--			Black 90° to 210°	4.9	2.22	11	12	Blue 90° to 210°	7.6	5.48	11	13	90°	175	Turquoise 45° to 105°	3.2	1.15		
	200		3.7	1.2	11	12		5.2	2.35	11	13		8.2	5.88	10	12		200		3.5	1.27		
	225		3.8	1.27	10	12		5.3	2.50	11	13		8.4	6.22	11	12		225		3.8	1.31		
	250		4.0	1.35	10	12		5.5	2.67	11	12		8.5	6.55	11	12		250		4.0	1.40		
	275		4.1	1.4	10	11		5.8	2.8	10	12		9.1	6.88	10	11		275		4.1	1.44		
	300		4.3	1.46	10	11		6.1	2.9	10	11		9.1	7.18	10	12		300		4.3	1.57		
	325		4.3	1.51	10	11		6.2	3.03	9	11		9.1	7.48	11	12		325		4.3	1.63		
	350		4.4	1.56	10	11		6.4	3.15	9	10		9.1	7.77	11	13		350		4.4	1.67		
	375		4.6	1.62	9	11		6.4	3.22	9	11		9.1	8.02	12	13		375		4.5	1.73		
210°	175	Maroon 90° to 210°	--	--			Black 90° to 210°	4.9	2.58	11	12	Blue 90° to 210°	7.6	6.4	11	13	105°	175	Turquoise 45° to 105°	3.2	1.34		
	200		3.7	1.41	11	13		5.2	2.75	11	13		8.2	6.85	10	12		200		3.5	1.48		
	225		3.8	1.48	10	12		5.3	2.92	11	13		8.4	7.27	11	12		225		3.8	1.53		
	250		4.0	1.58	10	12		5.5	3.08	10	12		8.5	7.65	11	12		250		4.0	1.63		
	275		4.1	1.63	10	11		5.8	3.25	10	12		9.1	8.02	10	11		275		4.1	1.70		
	300		4.3	1.71	10	11		6.1	3.42	10	11		9.1	8.37	10	12		300		4.3	1.83		
	325		4.3	1.76	10	11		6.2	3.57	9	11		9.1	8.72	11	12		325		4.3	1.88		
	350		4.4	1.82	10	11		6.4	3.7	9	10		9.1	9.03	11	13		350		4.4	1.94		
	375		4.6	1.89	9	11		6.4	3.8	9	11		9.1	9.37	12	13		375		4.5	2.0		
270°	175	Maroon 90° to 210°	Coming Soon						Green 210° to 270°	4.9	3.32	11	12	Yellow 210° to 270°	7.6	8.35	12	13	270°	Coming Soon			
	200		5.2	3.53	11	13	8.2	8.83		10	12												
	225		5.3	3.75	11	13	8.4	9.33		11	12												
	250		5.5	3.97	10	12	8.5	9.82		11	12												
	275		5.8	4.15	10	12	9.1	10.32		10	11												
	300		6.1	4.35	10	11	9.1	10.77		10	12												
	325		6.2	4.53	9	11	9.1	11.22		11	12												
	350		6.4	4.70	9	10	9.1	11.68		11	13												
	375		6.4	4.88	9	11	9.1	12.12		12	13												
360°	175	Olive 360°	--	--			Red 360°	4.9	4.42	11	12	Gray 360°	7.6	10.98	11	13	360°	Coming Soon					
	200		3.5	2.4	12	14		5.2	4.72	11	13		8.2	11.72	10	12							
	225		3.8	2.55	11	13		5.3	5.0	11	13		8.4	12.42	11	12							
	250		4.0	2.69	10	12		5.5	5.28	10	12		8.5	13.10	11	12							
	275		4.1	2.81	10	12		5.8	5.55	10	12		9.1	13.75	10	11							
	300		4.3	2.94	10	11		6.1	5.8	10	11		9.1	14.37	10	12							
	325		4.3	3.05	10	11		6.2	6.03	9	11		9.1	14.95	11	12							
	350		4.4	3.17	10	11		6.4	6.25	9	10		9.1	15.52	11	13							
	375		4.5	3.25	10	11		6.4	6.4	9	10		9.1	16.07	12	13							



Radius measured on a 100mm riser. To obtain full radius reduction for the MP1000 & MP2000 operate at a maximum of 200 kPa. When operating the MP3000 at full radius reduction maintain a minimum pressure of 275 kPa to assure reliable operation.



MP Rotator Performance Data - Metric										
		MP Left Strip			MP Side Strip			MP Right Strip		
kPa	Color	Unadjusted Radius LPM	Reduced Radius LPM	Color	Unadjusted Radius LPM	Reduced Radius LPM	Color	Unadjusted Radius LPM	Reduced Radius LPM	
200	Ivory	0.74	0.50	Brown	1.41	1	Copper	0.71	0.50	
225		0.75	0.55		1.50	1.1		0.75	0.55	
250		0.80	0.58		1.58	1.15		0.80	0.58	
275		0.83	0.60		1.66	1.21		0.85	0.60	
300		0.86	0.63		1.73	1.26		0.86	0.63	
325		0.90	0.66		1.80	1.31		0.90	0.66	
350		0.93	0.68		1.88	1.38		0.93	0.68	
375		0.96	0.71		1.95	1.43		0.96	0.71	

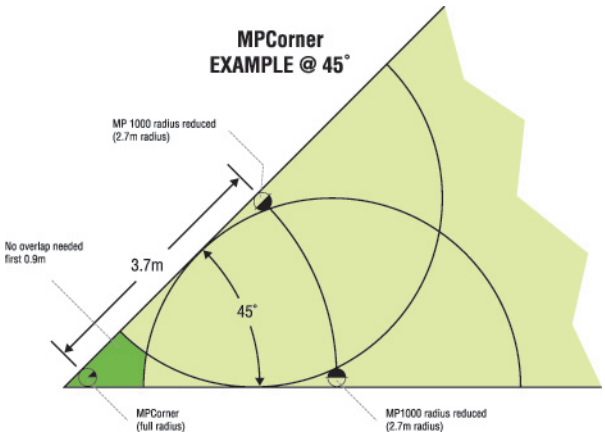
MP Rotator Performance Data - Metric					
MP Left Strip					
kPa	Color	Unadjusted Flow LPM	Radius W x L M	Adjusted Flow LPM	Radius W x L M
200	Ivory	0.74	1.5 x 4.6	0.50	1.2 x 3.7
275		0.83	1.7 x 4.9	0.60	1.4 x 4.0
350		0.93	1.8 x 5.2	0.68	1.5 x 4.3
MP Side Strip					
kPa	Color	Unadjusted Flow LPM	Radius W x L M	Adjusted Flow LPM	Radius W x L M
200	Brown	1.41	1.5 x 9.2	1	1.2 x 7.3
275		1.66	1.7 x 9.8	1.21	1.4 x 7.9
350		1.88	1.8 x 10.4	1.38	1.5 x 8.5
MP Right Strip					
kPa	Color	Unadjusted Flow LPM	Radius W x L M	Adjusted Flow LPM	Radius W x L M
200	Copper	0.71	1.5 x 4.6	0.50	1.2 x 3.7
275		0.85	1.7 x 4.9	0.60	1.4 x 4.0
350		0.93	1.8 x 5.2	0.68	1.5 x 4.3



MP200090



MP2000HT90



no overlap needed  
first 0.9 meters from  
start of corner





MP200090



MP2000HT90

DESCRIPTION	DISC CODE	ORDER CODE	CTN QTY
<b>HUNTER MP ROTATOR MP1000 - Multi stream rotor</b>			
Adj radius 2.5m - 4.6m, adj arc 90 - 210° female thread (maroon)	A1	MP100090	10/200
Adj radius 2.5m - 4.6m, adj arc 90 - 210° male thread (maroon)	A1	MP1000HT90	10/200
Adj radius 2.5m - 4.6m, full circle female thread (olive)	A1	MP1000360	10/200
Adj radius 2.5m - 4.6m, full circle male thread (olive)	A1	MP1000HT360	10/200
<b>HUNTER MP ROTATOR MP2000 - Multi stream rotor</b>			
Adj radius 4.0m - 6.4m, adj arc 90 - 210° female thread (black)	A1	MP200090	10/200
Adj radius 4.0m - 6.4m, adj arc 90 - 210° male thread (black)	A1	MP2000HT90	10/200
Adj radius 4.0m - 6.4m, adj arc 210 - 270° female thread (green)	A1	MP2000210	10/200
Adj radius 4.0m - 6.4m, adj arc 210 - 270° male thread (green)	A1	MP2000HT210	10/200
Adj radius 4.0m - 6.4m, full circle female thread (red)	A1	MP2000360	10/200
Adj radius 4.0m - 6.4m, full circle male thread (red)	A1	MP2000HT360	10/200
<b>HUNTER MP ROTATOR MP3000 - Multi stream rotor</b>			
Adj radius 6.7m - 9.1m, adj arc 90 - 210° female thread (blue)	A1	MP300090	10/200
Adj radius 6.7m - 9.1m, adj arc 90 - 210° male thread (blue)	A1	MP3000HT90	10/200
Adj radius 6.7m - 9.1m, adj arc 210 - 270° female thread (yellow)	A1	MP3000210	10/200
Adj radius 6.7m - 9.1m, adj arc 210 - 270° male thread (yellow)	A1	MP3000HT210	10/200
Adj radius 6.7m - 9.1m, full circle female thread (grey)	A1	MP3000360	10/200
Adj radius 6.7m - 9.1m, full circle male thread (grey)	A1	MP3000HT360	10/200
<b>HUNTER MP ROTATOR MP CORNER - Multi stream rotor</b>			
Adj radius 3.6m - 4.5m, adj arc 45 - 105° female thread (turquoise)	A1	MPCORNER	10/200
Adj radius 3.6m - 4.5m, adj arc 45 - 105° male thread (turquoise)	A1	MPCORNERHT	10/200
<b>HUNTER MP ROTATOR MP STRIP - Multi stream rotor</b>			
Left corner 1.5m x 4.5m, female thread (ivory)	A1	MPLCS515	10/200
Left corner 1.5m x 4.5m, male thread (ivory)	A1	MPLCSHT515	10/200
Right corner 1.5m x 4.5m, female thread (copper)	A1	MPRCS515	10/200
Right corner 1.5m x 4.5m, male thread (copper)	A1	MPRCSHT515	10/200
Side strip 1.5m x 9.1m, female thread (brown)	A1	MPSS530	10/200
Side strip 1.5m x 9.1m, male thread (brown)	A1	MPSSHT530	10/200
<b>HUNTER MP ROTATOR - Accessories</b>			
Adjustment tool, arc / radius	A1	MPTOOL	1
Fine screen for MP1000 / MP2000 (female threaded nozzles)	A1	MPFSCREEN	1
Fine screen for MP1000 / MP2000 (male threaded nozzles)	A1	MPTFSCREEN	1
Coarse screen for MP3000 (female threaded nozzles)	A1	MPCSCREEN	1
Coarse screen for MP3000 (male threaded nozzles)	A1	MPTCSREEN	1
2 - piece tool kit, arc / radius	A1	MPSTICK	1
Pressure gauge adapter for MP Rotator	A1	MPADAPTER	1

