



## MP-815-90

**Brand:** Landscape Irrigation

**Product Line:** MP Rotator Nozzles

**Product Model:** MP Rotator® MP800 Nozzle

**SKU:** MP81590

**Description:** MP Rotator Nozzle, 20 mm/hr precipitation rate, 2.5 m to 4.9 m radius, 90° to 210° adjustable arc, female thread, grey and maroon

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### Dimensions

**Diameter:** 25.40 mm



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### Operating Specifications

**Arc:** 90° to 210°

**Operating Pressure:** 2.8 bar; 280 kPa

**Precipitation Rate:** 20 mm/hr

**Radius:** 4.3 to 4.9 m

**Flow:** 0.10 to 0.13 m<sup>3</sup>/hr; 1.59 to 2.20 l/min

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### Shipping Information

**UPC-A:** 0611698461099

**Qty. / Bag:** 10/200

**Origin:** MADE IN USA

**Ocean Pallet:** 38400

**Land Pallet:** 32000

**Master Carton:** 200

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### Additional Information

**Arc:** 90° - 210°

**Precipitation Rate:** Approx 20 mm/hr

**Radius:** 2.5 m – 4.9 m

Radius: 2.5 to 4.9 m  
Adjustable Arc & Full-Circle  
Maroon and Grey: 90° to 210°  
Lt. Blue and Grey: 210° to 270°  
Olive and Grey: 360°

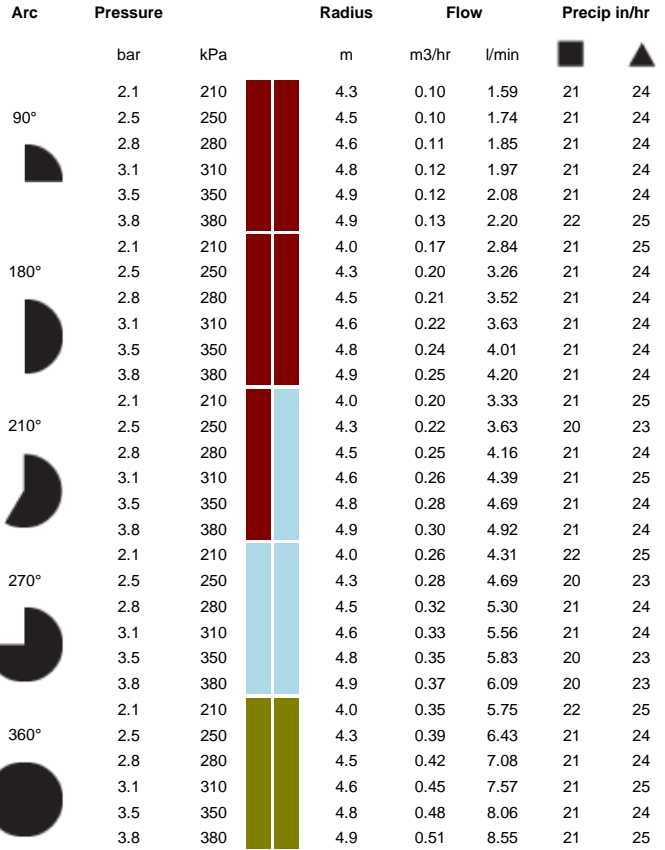
MP-800SR

Radius: 1.8 to 3.5 m  
Adjustable Arc  
Orange and Grey: 90° to 210°  
Lime Green and Grey: 360°

Arc	Pressure		Min Radius			Max Radius			Precip mm/hr		
			Radius	Flow		Radius	Flow				
				m	m <sup>3</sup> /hr		l/min	m			m <sup>3</sup> /hr
bar	kPa	m	m <sup>3</sup> /hr	l/min	m	m <sup>3</sup> /hr	l/min	■	▲		
90°	2.1	210	1.8	0.03	0.49	2.6	0.04	0.61	22	25	
	2.5	250		0.03	0.55		2.9	0.04	0.72	21	24
	<b>2.8</b>	<b>280</b>		<b>0.04</b>	<b>0.61</b>		<b>3.1</b>	<b>0.05</b>	<b>0.87</b>	<b>21</b>	<b>24</b>
	3.0	300		0.04	0.68		3.4	0.06	0.95	20	23
	3.5	350		0.04	0.72		3.5	0.06	1.02	20	23
	3.8	380		0.05	0.76		3.5	0.06	1.06	20	23
180°	2.1	210	1.8	0.06	0.98	2.6	0.07	1.21	22	25	
	2.5	250		0.07	1.10		2.8	0.08	1.40	21	24
	<b>2.8</b>	<b>280</b>		<b>0.07</b>	<b>1.21</b>		<b>3.0</b>	<b>0.10</b>	<b>1.59</b>	<b>21</b>	<b>24</b>
	3.0	300		0.08	1.36		3.3	0.10	1.74	19	22
	3.5	350		0.09	1.44		3.4	0.11	1.82	19	22
	3.8	380		0.09	1.51		3.5	0.11	1.89	18	21
210°	2.1	210	1.8	0.07	1.15	2.6	0.08	1.40	22	25	
	2.5	250		0.08	1.28		2.8	0.10	1.67	22	25
	<b>2.8</b>	<b>280</b>		<b>0.08</b>	<b>1.41</b>		<b>3.0</b>	<b>0.11</b>	<b>1.85</b>	<b>21</b>	<b>24</b>
	3.0	300		0.10	1.59		3.2	0.12	2.01	20	23
	3.5	350		0.10	1.68		3.4	0.13	2.12	19	22
	3.8	380		0.11	1.77		3.5	0.13	2.20	18	21
360°	2.1	210	1.8	0.11	1.78	2.6	0.14	2.38	22	25	
	2.5	250		0.12	1.97		2.8	0.16	2.65	20	23
	<b>2.8</b>	<b>280</b>		<b>0.13</b>	<b>2.12</b>		<b>3.0</b>	<b>0.18</b>	<b>2.95</b>	<b>20</b>	<b>23</b>
	3.0	300		0.13	2.23		3.1	0.19	3.22	20	23
	3.5	350		0.14	2.38		3.3	0.20	3.33	19	21
	3.8	380		0.16	2.65		3.5	0.22	3.71	18	21

**Bold** = Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40 Sprinkler Body, pressure regulated at 2.8 bar; 280 kPa.











\* Flow and precipitation rates may change as a result of reducing radius.



**Bold** = Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40 Sprinkler Body, pressure regulated at 2.8 bar; 280 kPa.

MP-820

Radius: 1.8 m to 7.3 m  
 Adjustable Arc & Full-Circle  
**Black and grey:** 90° to 210°  
**Green and grey:** 210° to 270°  
**Red and grey:** 360°

Arc	Pressure		Radius	Flow		Precip in/hr		
	bar	kPa		m	m3/hr	l/min	■ ▲	
90° 	2.1	210		6.1	0.19	3.20	21	24
	2.5	250		6.4	0.21	3.51	21	24
	2.8	280		6.7	0.22	3.65	20	23
	3.0	300		7.0	0.24	4.01	20	23
	3.5	350		7.3	0.25	4.19	19	22
	3.8	380		7.3	0.26	4.37	20	23
180° 	2.1	210		6.1	0.39	6.50	21	24
	2.5	250		6.4	0.41	6.86	20	23
	2.8	280		6.7	0.46	7.58	20	23
	3.0	300		6.7	0.47	7.79	21	24
	3.5	350		7.0	0.50	8.36	20	24
	3.8	380		7.3	0.54	8.92	20	23
210° 	2.1	210		6.1	0.44	7.34	20	23
	2.5	250		6.4	0.48	7.92	20	23
	2.8	280		6.7	0.54	8.93	20	24
	3.0	300		6.7	0.54	9.02	21	24
	3.5	350		7.0	0.57	9.54	20	23
	3.8	380		7.3	0.60	10.06	19	22
270° 	2.1	210		6.1	0.58	9.58	21	24
	2.5	250		6.4	0.62	10.36	20	23
	2.8	280		6.7	0.68	11.35	20	23
	3.0	300		6.7	0.71	11.81	21	24
	3.5	350		7.0	0.75	12.49	20	24
	3.8	380		7.3	0.79	13.16	20	23
360° 	2.1	210		6.1	0.77	12.85	21	24
	2.5	250		6.4	0.84	13.92	20	24
	2.8	280		6.7	0.90	14.99	20	23
	3.0	300		6.7	0.93	15.41	21	24
	3.5	350		7.0	0.98	16.27	20	23
	3.8	380		7.3	1.03	17.13	19	22

**Bold** = Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40 Sprinkler Body, pressure regulated at 2.8 bar; 280 kPa.

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