

# MP Rotator™ MP800 Nozzle

The MP Rotator MP800 Nozzle offers a higher precipitation rate perfect for small spaces and spray retrofits.

## KEY BENEFITS

- Precipitation rate of approximately 20 mm/hr for spray retrofit applications
- Automatic matched precipitation for simplified irrigation design and flexibility
- Double-pop feature protects the nozzle from external debris
- High distribution uniformity for a healthy landscape with maximum water efficiency
- Wind-resistant, multi-stream technology prevents misting
- Adjustable arc only when MP Rotator Nozzle is running for vandal resistance
- Removable filter screen prevents nozzle clogging
- Colour-coded for easy identification



## OPERATING SPECIFICATIONS

- Radius reduction up to approximately 25% on all models
- Recommended operating pressure: 2.8 bar; 280 kPa
- Minimum radius setting achieved at 2.1 bar; 210 kPa
- Filtration recommended on dirty water applications
- Warranty period: 3 years

## OPTIONS

- Pair with Pro-Spray™ PRS40 pop-up for pressure regulation to 2.8 bar; 280 kPa for nominal radius settings
- Pair with Pro-Spray PRS30 pop-up for pressure regulation to 2.1 bar; 210 kPa for minimum radius settings

MP ROTATOR PERFORMANCE DATA - METRIC\*





MP800SR

Radius: 1.8 to 3.5 m

Adjustable Arc

Orange and Gray: 90° to 210°






Lime Green and Gray: 360°

Arc	Pressure		Max Radius						Min Radius			
			Radius		Flow		Precip mm/hr		Radius		Flow	
			bar	kPa	m	m <sup>3</sup> /hr	l/min	■	▲	m	m <sup>3</sup> /hr	l/min
90° 	2.1	200	2.6	0.04	0.61	22	25	1.8	0.03	0.49		
	2.5	250		2.9	0.04	0.72	21		24	2.1	0.03	0.55
	2.8	280		3.1	0.05	0.87	21		24	2.4	0.04	0.61
	3.0	300		3.4	0.06	0.95	20		23	2.4	0.04	0.68
	3.5	350		3.5	0.06	1.02	20		23	2.7	0.04	0.72
	3.8	380		3.5	0.06	1.06	20		23	3.0	0.05	0.76
180° 	2.1	200	2.6	0.07	1.21	22	25	1.8	0.06	0.98		
	2.5	250		2.8	0.08	1.40	21		24	2.1	0.07	1.10
	2.8	280		3.0	0.10	1.59	21		24	2.4	0.07	1.21
	3.0	300		3.3	0.10	1.74	19		22	2.4	0.08	1.36
	3.5	350		3.4	0.11	1.82	19		22	2.7	0.09	1.44
	3.8	380		3.5	0.11	1.89	18		21	3.0	0.09	1.51
210° 	2.1	200	2.6	0.08	1.40	22	25	1.8	0.07	1.15		
	2.5	250		2.8	0.10	1.67	22		25	2.1	0.08	1.28
	2.8	280		3.0	0.11	1.85	21		24	2.4	0.08	1.41
	3.0	300		3.2	0.12	2.01	20		23	2.4	0.10	1.59
	3.5	350		3.4	0.13	2.12	19		22	2.7	0.10	1.68
	3.8	380		3.5	0.13	2.20	18		21	3.0	0.11	1.77
360° 	2.1	200	2.6	0.14	2.38	22	25	1.8	0.11	1.78		
	2.5	250		2.8	0.16	2.65	20		23	2.1	0.12	1.97
	2.8	280		3.0	0.18	2.95	20		23	2.4	0.13	2.12
	3.0	300		3.1	0.19	3.22	20		23	2.4	0.13	2.23
	3.5	350		3.3	0.20	3.33	19		21	2.7	0.14	2.38
	3.8	380		3.5	0.22	3.71	18		21	3.0	0.16	2.65

**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 Hunter PRS40 Spray Body, pressure regulated at 2.8 bar; 280 kPa.

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

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

Arc	Pressure		Radius	Flow		Precip in/hr	
	bar	kPa		m	m <sup>3</sup> /hr	l/min	■
90° 	2.1	210	4.3	0.10	1.59	21	24
	2.5	250	4.5	0.10	1.74	21	24
	2.8	280	4.6	0.11	1.85	21	24
	3.1	310	4.8	0.12	1.97	21	24
	3.5	350	4.9	0.12	2.08	21	24
	3.8	380	4.9	0.13	2.20	22	25
180° 	2.1	210	4.0	0.17	2.84	21	25
	2.5	250	4.3	0.20	3.26	21	24
	2.8	280	4.5	0.21	3.52	21	24
	3.1	310	4.6	0.22	3.63	21	24
	3.5	350	4.8	0.24	4.01	21	24
	3.8	380	4.9	0.25	4.20	21	24
210° 	2.1	210	4.0	0.20	3.33	21	25
	2.5	250	4.3	0.22	3.63	20	23
	2.8	280	4.5	0.25	4.16	21	24
	3.1	310	4.6	0.26	4.39	21	25
	3.5	350	4.8	0.28	4.69	21	24
	3.8	380	4.9	0.30	4.92	21	24
270° 	2.1	210	4.0	0.26	4.31	22	25
	2.5	250	4.3	0.28	4.69	20	23
	2.8	280	4.5	0.32	5.30	21	24
	3.1	310	4.6	0.33	5.56	21	24
	3.5	350	4.8	0.35	5.83	20	23
	3.8	380	4.9	0.37	6.09	20	23
360° 	2.1	210	4.0	0.35	5.75	22	25
	2.5	250	4.3	0.39	6.43	21	24
	2.8	280	4.5	0.42	7.08	21	24
	3.1	310	4.6	0.45	7.57	21	25
	3.5	350	4.8	0.48	8.06	21	24
	3.8	380	4.9	0.51	8.55	21	25

**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, pressure regulated at 2.8 bar; 280 kPa.

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