

# MP ROTATOR® 800 SERIES

Radius: 1.8 to 4.9 m

## FEATURES

- Provides coverage from 1.8 to 4.9 m
- Radius can be reduced up to approximately 25% on all models
- Colour-coded for easy identification
- Removable filter screen prevents large objects from clogging nozzle
- Wind-resistant multi-stream technology
- Adjustable arc and radius
- ▶ Automatic matched precipitation
- ▶ Double-pop feature
- ▶ Distribution uniformity
- ▶ Low precipitation rate

## OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.8 bar; 280 kPa  
To achieve minimum radius setting: 2.1 bar; 210 kPa
- MP800SR-90 uses a 60 mesh; 250 microns built-in nozzle filter
- MP800SR-360 and MP815 use a 40 mesh; 420 microns built-in nozzle filter
- Recommended filtering when operating on dirty water
- Hunter's HY filters are a great solution for zone-specific MP800 arrangements

## OPTIONS

- Specify Pro-Spray® PRS40 pop-up for accurate pressure regulation to achieve typical radius settings
- Specify Pro-Spray PRS30 for accurate pressure regulation to achieve minimum radius settings

### MP800SR 1.8 to 3.5 m radius



**MP800SR-90**  
90° to 210°



**MP800SR-360**  
360°

### MP815 2.5 m to 4.9 m radius



**MP815-90**  
90° to 210°



**MP815-210**  
210° to 270°



**MP815-360**  
360°

MP800SR-90



MP815-90



**MP ROTATOR PERFORMANCE DATA**





**MP800SR**

Radius: 1.8 to 3.5 m

Adjustable Arc and Full-Circle

● Orange and Grey: 90° to 210°

● Lime Green and Grey: 360°

MAX RADIUS								MIN RADIUS			
Arc	Pressure		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	
	<b>2.8</b>	<b>280</b>	<b>3.1</b>	<b>0.05</b>	<b>0.87</b>	<b>21</b>	<b>24</b>	<b>2.4</b>	<b>0.04</b>	<b>0.61</b>	
	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	
	<b>2.8</b>	<b>280</b>	<b>3.0</b>	<b>0.10</b>	<b>1.59</b>	<b>21</b>	<b>24</b>	<b>2.4</b>	<b>0.07</b>	<b>1.21</b>	
	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	
	<b>2.8</b>	<b>280</b>	<b>3.0</b>	<b>0.11</b>	<b>1.85</b>	<b>21</b>	<b>24</b>	<b>2.4</b>	<b>0.08</b>	<b>1.41</b>	
	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	
	<b>2.8</b>	<b>280</b>	<b>3.0</b>	<b>0.18</b>	<b>2.95</b>	<b>20</b>	<b>23</b>	<b>2.4</b>	<b>0.13</b>	<b>2.12</b>	
	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	

**MP ROTATOR PERFORMANCE DATA**

**MP815**






Radius: 2.5 to 4.9 m

Adjustable Arc and Full-Circle

● Maroon and Grey: 90° to 210°

● Lt. Blue and Grey: 210° to 270°

● Olive and Grey: 360°

Arc	Pressure		Radius	Flow		Precip. mm/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
	<b>2.8</b>	<b>280</b>	<b>4.6</b>	<b>0.11</b>	<b>1.85</b>	<b>21</b>	<b>24</b>
	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
	<b>2.8</b>	<b>280</b>	<b>4.5</b>	<b>0.21</b>	<b>3.52</b>	<b>21</b>	<b>24</b>
	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
	<b>2.8</b>	<b>280</b>	<b>4.5</b>	<b>0.25</b>	<b>4.16</b>	<b>21</b>	<b>24</b>
	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
	<b>2.8</b>	<b>280</b>	<b>4.5</b>	<b>0.32</b>	<b>5.30</b>	<b>21</b>	<b>24</b>
	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
	<b>2.8</b>	<b>280</b>	<b>4.5</b>	<b>0.42</b>	<b>7.08</b>	<b>21</b>	<b>24</b>
	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

MP ROTATOR

**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.