

# MP ROTATOR®

Radius: 8' to 35'

## FEATURES

- Radius can be reduced up to approximately 25% on all models
- Easy arc adjustment
- Color-coded for easy identification
- Removable filter screen ensures hassle-free service
- Wind-resistant, multi-stream technology
- ▶ Automatic matched precipitation
- ▶ Double-pop feature
- ▶ Distribution uniformity
- ▶ Low precipitation rate

## OPERATING SPECIFICATIONS

- Recommended operating pressure: 40 PSI
- Recommended filtering when operating on dirty water

## OPTIONS

- Specify Pro-Spray® PRS40 pop-up for accurate pressure regulation at 40 PSI
- Adding "HT" will specify male threaded nozzles
- ▶ = *Advanced Feature descriptions on page 41*

### MP1000 8' to 15' radius



**MP1000-90**  
90° to 210°



**MP1000-210**  
210° to 270°



**MP1000-360**  
360°

### MP2000 13' to 21' radius



**MP2000-90**  
90° to 210°



**MP2000-210**  
210° to 270°



**MP2000-360**  
360°

### MP3000 22' to 30' radius



**MP3000-90**  
90° to 210°



**MP3000-210**  
210° to 270°



**MP3000-360**  
360°

### MP ROTATOR - SPECIFICATION BUILDER: ORDER 1 + 2

1 Model	2 Options
<b>MP1000-90</b> = 8' to 15' radius, adjustable from 90° to 210°	<b>(blank)</b> = No option  <b>HT</b> = Male threaded version <i>(Not available in 3500 and 1000-210)</i>
<b>MP1000-210</b> = 8' to 15' radius, adjustable from 210° to 270°	
<b>MP1000-360</b> = 8' to 15' radius, 360°	
<b>MP2000-90</b> = 13' to 21' radius, adjustable from 90° to 210°	
<b>MP2000-210</b> = 13' to 21' radius, adjustable from 210° to 270°	
<b>MP2000-360</b> = 13' to 21' radius, 360°	
<b>MP3000-90</b> = 22' to 30' radius, adjustable from 90° to 210°	
<b>MP3000-210</b> = 22' to 30' radius, adjustable from 210° to 270°	
<b>MP3000-360</b> = 22' to 30' radius, 360°	
<b>MP3500-90</b> = 31' to 35' radius, adjustable from 90° to 210°	
<b>MPLCS-515</b> = Left corner strip, 5' x 15'	
<b>MPRCS-515</b> = Right corner strip, 5' x 15'	
<b>MPSS-530</b> = Side strip, 5' x 30'	
<b>MP-CORNER</b> = 8' to 15' radius, adjustable from 45° to 105°	

**Examples:**

**MP1000-210** = 8' to 15' radius, adjustable from 210° to 270°  
**PROS-06 - PRS40-CV - MP2000-90** = 6" pop-up regulated at 40 PSI, drain check valve, with MP 2000-90.

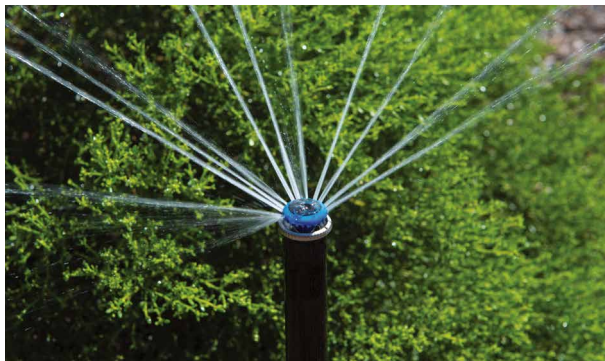
MP ROTATOR

MP ROTATOR PERFORMANCE DATA

Arc	Pressure PSI	MP1000 Radius: 8' to 15' Adjustable Arc and Full-Circle ● Maroon: 90° to 210° ● Lt. Blue: 210° to 270° ● Olive: 360°					MP2000 Radius: 13' to 21' Adjustable Arc and Full-Circle ● Black: 90° to 210° ● Green: 210° to 270° ● Red: 360°					MP3000 Radius: 22' to 30' Adjustable Arc and Full-Circle ● Blue: 90° to 210° ● Yellow: 210° to 270° ● Gray: 360°				
		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■ ▲		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■ ▲		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■ ▲	
90° ■	25	--	--	--	--	--	17	0.34	20.4	0.45	0.52	25	0.71	42.6	0.44	0.51
	30	12	0.17	10.2	0.45	0.52	18	0.38	22.8	0.45	0.52	27	0.76	45.6	0.40	0.46
	35	13	0.19	11.4	0.43	0.50	19	0.40	24.0	0.43	0.49	28	0.82	49.2	0.40	0.46
	<b>40</b>	<b>14</b>	<b>0.21</b>	<b>12.6</b>	<b>0.41</b>	<b>0.48</b>	<b>20</b>	<b>0.43</b>	<b>25.8</b>	<b>0.41</b>	<b>0.48</b>	<b>30</b>	<b>0.86</b>	<b>51.6</b>	<b>0.37</b>	<b>0.42</b>
	45	14	0.23	13.8	0.45	0.52	21	0.46	27.6	0.40	0.46	30	0.90	54.0	0.39	0.44
	50	15	0.25	15.0	0.43	0.49	21	0.47	28.2	0.41	0.47	30	0.95	57.0	0.41	0.47
180° ●	25	--	--	--	--	--	16	0.6	36.0	0.45	0.52	25	1.44	86.4	0.44	0.51
	30	12	0.34	20.4	0.45	0.52	17	0.64	38.4	0.43	0.49	27	1.58	94.8	0.42	0.48
	35	13	0.38	22.8	0.43	0.50	18	0.71	42.6	0.42	0.49	28	1.70	102.0	0.42	0.48
	<b>40</b>	<b>14</b>	<b>0.42</b>	<b>25.2</b>	<b>0.41</b>	<b>0.48</b>	<b>19</b>	<b>0.77</b>	<b>46.2</b>	<b>0.41</b>	<b>0.47</b>	<b>30</b>	<b>1.82</b>	<b>109.2</b>	<b>0.39</b>	<b>0.45</b>
	45	14	0.44	26.4	0.43	0.50	20	0.85	51.0	0.41	0.47	30	1.93	115.8	0.41	0.48
	50	15	0.50	30.0	0.43	0.49	21	0.91	54.6	0.40	0.46	30	2.04	122.4	0.44	0.50
210° ●	25	--	--	--	--	--	16	0.72	43.2	0.46	0.54	25	1.68	100.8	0.44	0.51
	30	12	0.40	24.0	0.46	0.53	17	0.75	45.0	0.43	0.49	27	1.84	110.4	0.42	0.48
	35	13	0.45	27.0	0.44	0.51	18	0.81	48.6	0.41	0.48	28	1.99	119.4	0.42	0.48
	<b>40</b>	<b>14</b>	<b>0.49</b>	<b>29.4</b>	<b>0.41</b>	<b>0.48</b>	<b>19</b>	<b>0.86</b>	<b>51.6</b>	<b>0.39</b>	<b>0.45</b>	<b>30</b>	<b>2.12</b>	<b>127.2</b>	<b>0.39</b>	<b>0.45</b>
	45	14	0.51	30.6	0.43	0.50	20	0.91	54.6	0.38	0.43	30	2.25	135.0	0.41	0.48
	50	15	0.57	34.2	0.42	0.48	21	0.98	58.8	0.37	0.42	30	2.37	142.2	0.43	0.50
270° ●	25	--	--	--	--	--	16	0.87	52.2	0.44	0.50	25	2.19	131.4	0.45	0.52
	30	12	0.48	28.8	0.43	0.49	17	0.95	57.0	0.42	0.49	27	2.37	142.2	0.42	0.48
	35	13	0.53	31.8	0.40	0.46	18	1.03	61.8	0.41	0.47	28	2.55	153.0	0.42	0.48
	<b>40</b>	<b>14</b>	<b>0.63</b>	<b>37.8</b>	<b>0.41</b>	<b>0.48</b>	<b>19</b>	<b>1.10</b>	<b>66.0</b>	<b>0.39</b>	<b>0.45</b>	<b>30</b>	<b>2.73</b>	<b>163.8</b>	<b>0.39</b>	<b>0.45</b>
	45	14	0.67	40.2	0.44	0.51	20	1.17	70.2	0.38	0.43	30	2.89	173.4	0.41	0.48
	50	15	0.72	43.2	0.41	0.47	21	1.23	73.8	0.36	0.41	30	3.06	183.6	0.44	0.50
360° ●	25	--	--	--	--	--	16	1.20	72.0	0.45	0.52	25	2.88	172.8	0.44	0.51
	30	12	0.69	41.4	0.46	0.53	17	1.28	76.8	0.43	0.49	27	3.15	189.0	0.42	0.48
	35	13	0.77	46.2	0.44	0.51	18	1.37	82.2	0.41	0.47	28	3.40	204.0	0.42	0.48
	<b>40</b>	<b>14</b>	<b>0.84</b>	<b>50.4</b>	<b>0.41</b>	<b>0.48</b>	<b>19</b>	<b>1.48</b>	<b>88.8</b>	<b>0.39</b>	<b>0.46</b>	<b>30</b>	<b>3.64</b>	<b>218.4</b>	<b>0.39</b>	<b>0.45</b>
	45	14	0.88	52.8	0.43	0.50	20	1.57	94.2	0.38	0.44	30	3.86	231.6	0.41	0.48
	50	15	0.98	58.8	0.42	0.48	21	1.68	100.8	0.37	0.42	30	4.07	244.2	0.44	0.50
55	15	1.01	60.6	0.43	0.50	21	1.74	104.4	0.38	0.44	30	4.27	256.2	0.46	0.53	

**Bold** = Optimal pressure for the MP Rotator is 40 PSI. This can easily be achieved by using the MP Rotator with the Hunter Pro-Spray PRS40 pressure regulated at 40 PSI.

Works best with Pro-Spray PRS40



For Pro-Spray PRS40 information see page 57

MP ROTATOR




**MP ROTATOR PERFORMANCE DATA**

**MP3500**

Radius: 31' to 35'

Adjustable Arc

● Light Brown: 90°

Arc	Pressure PSI	Radius ft.	Flow GPM	Flow GPH	Precip in/hr	
					■	▲
90° 	25	33	1.04	62.4	0.37	0.42
	30	34	1.13	67.8	0.38	0.43
	35	34	1.21	72.6	0.40	0.47
	<b>40</b>	<b>35</b>	<b>1.28</b>	<b>76.8</b>	<b>0.40</b>	<b>0.46</b>
	45	35	1.38	82.8	0.43	0.50
	50	35	1.43	85.8	0.45	0.52
180° 	25	33	2.21	132.6	0.39	0.45
	30	34	2.24	134.4	0.37	0.43
	35	34	2.65	159.0	0.44	0.51
	<b>40</b>	<b>35</b>	<b>2.86</b>	<b>171.6</b>	<b>0.45</b>	<b>0.52</b>
	45	35	3.10	186.0	0.49	0.56
	50	35	3.21	192.6	0.50	0.58
210° 	25	33	2.59	155.4	0.39	0.45
	30	34	2.84	170.4	0.41	0.47
	35	34	3.08	184.8	0.44	0.51
	<b>40</b>	<b>35</b>	<b>3.29</b>	<b>197.4</b>	<b>0.44</b>	<b>0.51</b>
	45	35	3.54	212.4	0.48	0.55
	50	35	3.76	225.6	0.51	0.59
55	35	3.94	236.4	0.53	0.61	

**MP3500 31' to 35' radius**



**MP3500-90**  
90° to 210°




**Bold =** Optimal pressure for the MP Rotator is 40 PSI. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40, pressure regulated spray body at 40 PSI.

**MP ROTATOR PERFORMANCE DATA**

● MPLCS-515: Ivory, MP Left Corner Strip

● MPRCS-515: Copper, MP Right Corner Strip

● MPSS-530: Brown, MP Side Strip

	Pressure PSI	Radius ft.	Flow GPM	Flow GPH
<b>MP Left Corner Strip</b> 	30	4 x 14	0.19	11.4
	35	5 x 15	0.21	12.6
	<b>40</b>	<b>5 x 15</b>	<b>0.22</b>	<b>13.2</b>
	45	5 x 15	0.23	13.8
	50	6 x 16	0.25	15.0
<b>MP Right Corner Strip</b> 	30	4 x 14	0.19	11.4
	35	5 x 15	0.21	12.6
	<b>40</b>	<b>5 x 15</b>	<b>0.22</b>	<b>13.2</b>
	45	5 x 15	0.23	13.8
	50	6 x 16	0.25	15.0
<b>MP Side Strip</b> 	30	4 x 28	0.38	22.8
	35	5 x 30	0.41	24.6
	<b>40</b>	<b>5 x 30</b>	<b>0.44</b>	<b>26.4</b>
	45	5 x 30	0.47	28.2
	50	6 x 32	0.49	29.4
55	6 x 32	0.51	30.6	

**MP Strips**



**MPLCS-515**  
Left Corner Strip  
5' x 15'



**MPRCS-515**  
Right Corner Strip  
5' x 15'



**MPSS-530**  
Side Strip  
5' x 30'

**Bold =** Recommended Pressure

**Notes:** Strip pattern radius can be adjusted by 25%. MP Rotator is designed to maintain matched precipitation after radius adjustment. Optimal pressure for the MP Rotator is 40 PSI. This can easily be achieved by using the MP Rotator with the Pro-Spray PRS40, pressure regulated spray body at 40 PSI.