

# 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
- ▶ 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 81*

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

| 1 Model                                                              | 2 Options                                                                                                          |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>MP-1000-90</b> = 8' to 15' radius, adjustable from 90° to 210°    | <b>(blank)</b> = No option<br><br><b>HT</b> = Male threaded version<br><i>(Not available in 3500 and 1000-210)</i> |
| <b>MP-1000-210</b> = 8' to 15' radius, adjustable from 210° to 270°  |                                                                                                                    |
| <b>MP-1000-360</b> = 8' to 15' radius, 360°                          |                                                                                                                    |
| <b>MP-2000-90</b> = 13' to 21' radius, adjustable from 90° to 210°   |                                                                                                                    |
| <b>MP-2000-210</b> = 13' to 21' radius, adjustable from 210° to 270° |                                                                                                                    |
| <b>MP-2000-360</b> = 13' to 21' radius, 360°                         |                                                                                                                    |
| <b>MP-3000-90</b> = 22' to 30' radius, adjustable from 90° to 210°   |                                                                                                                    |
| <b>MP-3000-210</b> = 22' to 30' radius, adjustable from 210° to 270° |                                                                                                                    |
| <b>MP-3000-360</b> = 22' to 30' radius, 360°                         |                                                                                                                    |
| <b>MP-3500-90</b> = 31' to 35' radius, adjustable from 90° to 210°   |                                                                                                                    |
| <b>MP-LCS-515</b> = Left corner strip, 5' x 15'                      |                                                                                                                    |
| <b>MP-RCS-515</b> = Right corner strip, 5' x 15'                     |                                                                                                                    |
| <b>MP-SS-530</b> = Side strip, 5' x 30'                              |                                                                                                                    |
| <b>MP-CORNER</b> = 8' to 15' radius, adjustable from 45° to 105°     |                                                                                                                    |

#### Examples:

**MP-1000-210** = 8' to 15' radius, adjustable from 210° to 270°  
**PROS-06 - PRS40-CV - MP-2000-90** = 6" pop-up regulated at 40 PSI, drain check valve, with MP 2000-90.

### MP1000 8' to 15' radius



**MP-1000-90**  
90° to 210°



**MP-1000-210**  
210° to 270°



**MP-1000-360**  
360°

### MP2000 13' to 21' radius



**MP-2000-90**  
90° to 210°



**MP-2000-210**  
210° to 270°



**MP-2000-360**  
360°

### MP3000 22' to 30' radius



**MP-3000-90**  
90° to 210°



**MP-3000-210**  
210° to 270°



**MP-3000-360**  
360°

### MP3500 31' to 35' radius



**MP-3500-90**  
90° to 210°

## MP ROTATOR PERFORMANCE DATA

|                                                                                             |                 | MP-1000                        |             |             |                     |      | MP-2000                        |             |             |                     |      | MP-3000                        |             |             |                     |      |      |
|---------------------------------------------------------------------------------------------|-----------------|--------------------------------|-------------|-------------|---------------------|------|--------------------------------|-------------|-------------|---------------------|------|--------------------------------|-------------|-------------|---------------------|------|------|
|                                                                                             |                 | Radius: 8' to 15'              |             |             |                     |      | Radius: 13' to 21'             |             |             |                     |      | Radius: 22' to 30'             |             |             |                     |      |      |
|                                                                                             |                 | Adjustable Arc and Full-Circle |             |             |                     |      | Adjustable Arc and Full-Circle |             |             |                     |      | Adjustable Arc and Full-Circle |             |             |                     |      |      |
|                                                                                             |                 | ● Maroon: 90° to 210°          |             |             |                     |      | ● Black: 90° to 210°           |             |             |                     |      | ● Blue: 90° to 210°            |             |             |                     |      |      |
|                                                                                             |                 | ● Lt. Blue: 210° to 270°       |             |             |                     |      | ● Green: 210° to 270°          |             |             |                     |      | ● Yellow: 210° to 270°         |             |             |                     |      |      |
|                                                                                             |                 | ● Olive: 360°                  |             |             |                     |      | ● Red: 360°                    |             |             |                     |      | ● Gray: 360°                   |             |             |                     |      |      |
| Arc                                                                                         | Pressure<br>PSI | Radius<br>ft.                  | Flow<br>GPM | Flow<br>GPH | Precip in/hr<br>■ ▲ |      | Radius<br>ft.                  | Flow<br>GPM | Flow<br>GPH | Precip in/hr<br>■ ▲ |      | Radius<br>ft.                  | Flow<br>GPM | Flow<br>GPH | Precip in/hr<br>■ ▲ |      |      |
| 90°<br>    | 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 |
|                                                                                             | 40              | 14                             | 0.21        | 12.6        | 0.41                | 0.48 | 20                             | 0.43        | 25.8        | 0.41                | 0.48 |                                | 30          | 0.86        | 51.6                | 0.37 | 0.42 |
|                                                                                             | 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 |
|                                                                                             | 55              | 15                             | 0.27        | 16.2        | 0.46                | 0.53 | 21                             | 0.48        | 28.8        | 0.42                | 0.48 |                                | 30          | 1.01        | 60.6                | 0.43 | 0.50 |
| 180°<br>   | 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 |
|                                                                                             | 40              | 14                             | 0.42        | 25.2        | 0.41                | 0.48 | 19                             | 0.77        | 46.2        | 0.41                | 0.47 |                                | 30          | 1.82        | 109.2               | 0.39 | 0.45 |
|                                                                                             | 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 |
|                                                                                             | 55              | 15                             | 0.51        | 30.6        | 0.44                | 0.50 | 21                             | 0.95        | 57.0        | 0.41                | 0.48 |                                | 30          | 2.13        | 127.8               | 0.46 | 0.53 |
| 210°<br>   | 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 |
|                                                                                             | 40              | 14                             | 0.49        | 29.4        | 0.41                | 0.48 | 19                             | 0.86        | 51.6        | 0.39                | 0.45 |                                | 30          | 2.12        | 127.2               | 0.39 | 0.45 |
|                                                                                             | 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 |
|                                                                                             | 55              | 15                             | 0.59        | 35.4        | 0.43                | 0.50 | 21                             | 1.01        | 60.6        | 0.38                | 0.44 |                                | 30          | 2.49        | 149.4               | 0.46 | 0.53 |
| 270°<br> | 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 |
|                                                                                             | 40              | 14                             | 0.63        | 37.8        | 0.41                | 0.48 | 19                             | 1.10        | 66.0        | 0.39                | 0.45 |                                | 30          | 2.73        | 163.8               | 0.39 | 0.45 |
|                                                                                             | 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 |
|                                                                                             | 55              | 15                             | 0.75        | 45.0        | 0.43                | 0.49 | 21                             | 1.30        | 78.0        | 0.38                | 0.44 |                                | 30          | 3.22        | 193.2               | 0.46 | 0.53 |
| 360°<br> | 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 |
|                                                                                             | 40              | 14                             | 0.84        | 50.4        | 0.41                | 0.48 | 19                             | 1.48        | 88.8        | 0.39                | 0.46 |                                | 30          | 3.64        | 218.4               | 0.39 | 0.45 |
|                                                                                             | 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 |

| MP-3500<br>Radius: 31' to 35'<br>Adjustable Arc<br>● Light Brown: 90° |               |             |             |                        |      | 90°<br> | MP-3500<br>Radius: 31' to 35'<br>Adjustable Arc<br>● Light Brown: 180° |             |             |                        |      |  | 180°<br> | MP-3500<br>Radius: 31' to 35'<br>Adjustable Arc<br>● Light Brown: 210° |             |                        |      |  |  | 210°<br> |
|-----------------------------------------------------------------------|---------------|-------------|-------------|------------------------|------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------|-------------|------------------------|------|--|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------|------------------------|------|--|--|-----------------------------------------------------------------------------------------------|
| Pressure<br>PSI                                                       | Radius<br>ft. | Flow<br>GPM | Flow<br>GPH | Precip in/hr<br>■    ▲ |      |                                                                                            | Radius<br>ft.                                                          | Flow<br>GPM | Flow<br>GPH | Precip in/hr<br>■    ▲ |      |  | Radius<br>ft.                                                                                 | Flow<br>GPM                                                            | Flow<br>GPH | Precip in/hr<br>■    ▲ |      |  |  |                                                                                               |
| 25                                                                    | 33            | 1.04        | 62.4        | 0.37                   | 0.42 |                                                                                            | 33                                                                     | 2.21        | 132.6       | 0.39                   | 0.45 |  | 33                                                                                            | 2.59                                                                   | 155.4       | 0.39                   | 0.45 |  |  |                                                                                               |
| 30                                                                    | 34            | 1.13        | 67.8        | 0.38                   | 0.43 |                                                                                            | 34                                                                     | 2.24        | 134.4       | 0.37                   | 0.43 |  | 34                                                                                            | 2.84                                                                   | 170.4       | 0.41                   | 0.47 |  |  |                                                                                               |
| 35                                                                    | 34            | 1.21        | 72.6        | 0.40                   | 0.47 |                                                                                            | 34                                                                     | 2.65        | 159.0       | 0.44                   | 0.51 |  | 34                                                                                            | 3.08                                                                   | 184.8       | 0.44                   | 0.51 |  |  |                                                                                               |
| 40                                                                    | 35            | 1.28        | 76.8        | 0.40                   | 0.46 |                                                                                            | 35                                                                     | 2.86        | 171.6       | 0.45                   | 0.52 |  | 35                                                                                            | 3.29                                                                   | 197.4       | 0.44                   | 0.51 |  |  |                                                                                               |
| 45                                                                    | 35            | 1.38        | 82.8        | 0.43                   | 0.50 |                                                                                            | 35                                                                     | 3.10        | 186.0       | 0.49                   | 0.56 |  | 35                                                                                            | 3.54                                                                   | 212.4       | 0.48                   | 0.55 |  |  |                                                                                               |
| 50                                                                    | 35            | 1.43        | 85.8        | 0.45                   | 0.52 |                                                                                            | 35                                                                     | 3.21        | 192.6       | 0.50                   | 0.58 |  | 35                                                                                            | 3.76                                                                   | 225.6       | 0.51                   | 0.59 |  |  |                                                                                               |
| 55                                                                    | 35            | 1.50        | 90.0        | 0.47                   | 0.54 |                                                                                            | 35                                                                     | 3.28        | 196.8       | 0.52                   | 0.60 |  | 35                                                                                            | 3.94                                                                   | 236.4       | 0.53                   | 0.61 |  |  |                                                                                               |

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

## MP ROTATOR PERFORMANCE DATA

- **MP-LCS-515:** Ivory, MP Left Corner Strip
- **MP-RCS-515:** Copper, MP Right Corner Strip
- **MP-SS-530:** Brown, MP Side Strip

|                                                                                                                               | Pressure<br>PSI | Radius<br>ft. | Flow<br>GPM | Flow<br>GPH |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|-------------|-------------|
| <b>MP Left<br/>Corner<br/>Strip</b><br>      | 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        |
|                                                                                                                               | 55              | 6 x 16        | 0.26        | 15.6        |
| <b>MP<br/>Right<br/>Corner<br/>Strip</b><br> | 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        |
|                                                                                                                               | 55              | 6 x 16        | 0.26        | 15.6        |
| <b>MP<br/>Side<br/>Strip</b><br>             | 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        |

**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 Hunter PRS40 Spray Body, pressure regulated at 40 PSI.

## MP ROTATOR PERFORMANCE DATA

**MP Corner**

Radius: 8' to 15'

Adjustable Arc

● Turquoise: 45° to 105°

| Arc                                                                                         | Pressure<br>PSI | Radius<br>ft. | Flow<br>GPM | Flow<br>GPH |
|---------------------------------------------------------------------------------------------|-----------------|---------------|-------------|-------------|
| 45°<br>  | 25              | --            | --          | --          |
|                                                                                             | 30              | 12            | 0.17        | 10.2        |
|                                                                                             | 35              | 13            | 0.18        | 10.8        |
|                                                                                             | <b>40</b>       | <b>14</b>     | <b>0.19</b> | <b>11.4</b> |
|                                                                                             | 45              | 14            | 0.21        | 12.6        |
|                                                                                             | 50              | 14            | 0.22        | 13.2        |
|                                                                                             | 55              | 15            | 0.23        | 13.8        |
| 90°<br>  | 25              | 11            | 0.31        | 18.6        |
|                                                                                             | 30              | 12            | 0.34        | 20.4        |
|                                                                                             | 35              | 13            | 0.36        | 21.6        |
|                                                                                             | <b>40</b>       | <b>14</b>     | <b>0.39</b> | <b>23.4</b> |
|                                                                                             | 45              | 14            | 0.41        | 24.6        |
|                                                                                             | 50              | 15            | 0.43        | 25.8        |
|                                                                                             | 55              | 15            | 0.46        | 27.6        |
| 105°<br> | 25              | 11            | 0.36        | 21.6        |
|                                                                                             | 30              | 12            | 0.39        | 23.4        |
|                                                                                             | 35              | 13            | 0.42        | 25.2        |
|                                                                                             | <b>40</b>       | <b>14</b>     | <b>0.45</b> | <b>27.0</b> |
|                                                                                             | 45              | 14            | 0.48        | 28.8        |
|                                                                                             | 50              | 15            | 0.51        | 30.6        |
|                                                                                             | 55              | 15            | 0.53        | 31.8        |

**Bold** = Recommended Pressure

## MP Strips



**MP-LCS-515**  
Left Corner Strip  
5' x 15'



**MP-RCS-515**  
Right Corner Strip  
5' x 15'



**MP-SS-530**  
Side Strip  
5' x 30'

## MP Corner



**MP-CORNER**  
Corner  
8' to 15'

## Male Threaded



**MP-HT**  
Male Threaded

## MP Accessories



**MPTOOL**  
Adjusts all MP Rotators



**MPSTICK**  
Snaps onto any length of 1" PVC to allow standing adjustment. *PVC pipe not included.*

## MP TOOL: For Easy Adjustments

