

# MP ROTATOR®

Radius: **2.5 to 10.7 m**

10  
mm/hr

The MP Rotator nozzle is the most trusted high-efficiency solution on the market, offering up to 30% water savings over traditional spray nozzles.

## KEY BENEFITS

- Lowest precipitation rate in the industry of approximately 10 mm/hr
- 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

## ADDITIONAL FEATURES

- Wind-resistant, multi-stream technology prevents misting
- Adjustable arc only when running for vandal resistance
- Removable filter screen prevents nozzle from 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
- 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

### MP1000: 2.5 to 4.5 m radius



**MP1000-90**  
90° to 210°



**MP1000-210**  
210° to 270°



**MP1000-360**  
360°

### MP2000: 4.0 to 6.4 m radius



**MP2000-90**  
90° to 210°



**MP2000-210**  
210° to 270°



**MP2000-360**  
360°

### MP3000: 6.7 to 9.1 m radius



**MP3000-90**  
90° to 210°



**MP3000-210**  
210° to 270°



**MP3000-360**  
360°

### MP3500: 9.4 to 10.7 m radius



**MP3500-90**  
90° to 210°

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

| 1 Model                                                               | 2 Options                                                                                                          |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>MP1000-90</b> = 2.5 to 4.5 m 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>MP1000-210</b> = 2.5 to 4.5 m radius, adjustable from 210° to 270° |                                                                                                                    |
| <b>MP1000-360</b> = 2.5 to 4.5 m radius, 360°                         |                                                                                                                    |
| <b>MP2000-90</b> = 4.0 to 6.4 m radius, adjustable from 90° to 210°   |                                                                                                                    |
| <b>MP2000-210</b> = 4.0 to 6.4 m radius, adjustable from 210° to 270° |                                                                                                                    |
| <b>MP2000-360</b> = 4.0 to 6.4 m radius, 360°                         |                                                                                                                    |
| <b>MP3000-90</b> = 6.7 to 9.1 m radius, adjustable from 90° to 210°   |                                                                                                                    |
| <b>MP3000-210</b> = 6.7 to 9.1 m radius, adjustable from 210° to 270° |                                                                                                                    |
| <b>MP3000-360</b> = 6.7 to 9.1 m radius, 360°                         |                                                                                                                    |
| <b>MP3500-90</b> = 9.4 to 10.7 m radius, adjustable from 90° to 210°  |                                                                                                                    |
| <b>MPLCS-515</b> = Left corner strip, 1.5 m x 4.6 m                   |                                                                                                                    |
| <b>MPRCS-515</b> = Right corner strip, 1.5 m x 4.6 m                  |                                                                                                                    |
| <b>MPSS-530</b> = Side strip, 1.5 m x 9.1 m                           |                                                                                                                    |
| <b>MP-CORNER</b> = 2.5 to 4.5 m radius, adjustable from 45° to 105°   |                                                                                                                    |

## 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 spray body at 2.8 bar; 280 kPa.



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## MP ROTATOR PERFORMANCE DATA

### MP3500

Radius: 9.4 to 10.7 m

Adjustable Arc

● Light Brown: 90° to 210°

| Arc       | Pressure   |            | Radius<br>m | Flow<br>m³/hr | Flow<br>l/min | Precip. mm/hr |           |
|-----------|------------|------------|-------------|---------------|---------------|---------------|-----------|
|           | bar        | kPa        |             |               |               | ■             | ▲         |
| 90°<br>■  | 1.7        | 170        | 10.1        | 0.24          | 3.94          | 9             | 11        |
|           | 2.0        | 200        | 10.4        | 0.26          | 4.28          | 10            | 11        |
|           | 2.5        | 250        | 10.4        | 0.28          | 4.58          | 10            | 12        |
|           | <b>2.8</b> | <b>280</b> | <b>10.7</b> | <b>0.29</b>   | <b>4.84</b>   | <b>10</b>     | <b>12</b> |
|           | 3.0        | 300        | 10.7        | 0.31          | 5.22          | 11            | 13        |
|           | 3.5        | 350        | 10.7        | 0.33          | 5.41          | 11            | 13        |
|           | 3.8        | 380        | 10.7        | 0.34          | 5.68          | 12            | 14        |
| 180°<br>● | 1.7        | 170        | 10.1        | 0.50          | 8.36          | 10            | 11        |
|           | 2.0        | 200        | 10.4        | 0.51          | 8.48          | 9             | 11        |
|           | 2.5        | 250        | 10.4        | 0.60          | 10.03         | 11            | 13        |
|           | <b>2.8</b> | <b>280</b> | <b>10.7</b> | <b>0.65</b>   | <b>10.83</b>  | <b>11</b>     | <b>13</b> |
|           | 3.0        | 300        | 10.7        | 0.70          | 11.73         | 12            | 14        |
|           | 3.5        | 350        | 10.7        | 0.73          | 12.15         | 13            | 15        |
|           | 3.8        | 380        | 10.7        | 0.75          | 12.41         | 13            | 15        |
| 210°<br>▲ | 1.7        | 170        | 10.1        | 0.59          | 9.80          | 10            | 12        |
|           | 2.0        | 200        | 10.4        | 0.65          | 10.75         | 10            | 12        |
|           | 2.5        | 250        | 10.4        | 0.70          | 11.66         | 11            | 13        |
|           | <b>2.8</b> | <b>280</b> | <b>10.7</b> | <b>0.75</b>   | <b>12.45</b>  | <b>11</b>     | <b>13</b> |
|           | 3.0        | 300        | 10.7        | 0.80          | 13.40         | 12            | 14        |
|           | 3.5        | 350        | 10.7        | 0.85          | 14.23         | 13            | 15        |
|           | 3.8        | 380        | 10.7        | 0.90          | 14.91         | 13            | 16        |

## MP3500



**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 spray body at 2.8 bar; 280 kPa.

## 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   |            | Radius<br>m      | Flow<br>m³/hr | Flow<br>l/min |
|-------------------------------------------|------------|------------|------------------|---------------|---------------|
|                                           | bar        | kPa        |                  |               |               |
| <b>MP Left<br/>Corner<br/>Strip</b><br>■  | 1.7        | 170        | 1.1 x 4.2        | 0.04          | 0.67          |
|                                           | 2.0        | 200        | 1.2 x 4.3        | 0.04          | 0.72          |
|                                           | 2.5        | 250        | 1.4 x 4.5        | 0.05          | 0.79          |
|                                           | <b>2.8</b> | <b>280</b> | <b>1.5 x 4.6</b> | <b>0.05</b>   | <b>0.84</b>   |
|                                           | 3.0        | 300        | 1.6 x 4.7        | 0.06          | 0.87          |
|                                           | 3.5        | 350        | 1.7 x 4.8        | 0.06          | 0.94          |
|                                           | 3.8        | 380        | 1.8 x 4.9        | 0.06          | 0.99          |
| <b>MP Right<br/>Corner<br/>Strip</b><br>■ | 1.7        | 170        | 1.1 x 4.2        | 0.04          | 0.67          |
|                                           | 2.0        | 200        | 1.2 x 4.3        | 0.04          | 0.72          |
|                                           | 2.5        | 250        | 1.4 x 4.5        | 0.05          | 0.79          |
|                                           | <b>2.8</b> | <b>280</b> | <b>1.5 x 4.6</b> | <b>0.05</b>   | <b>0.84</b>   |
|                                           | 3.0        | 300        | 1.6 x 4.7        | 0.05          | 0.87          |
|                                           | 3.5        | 350        | 1.7 x 4.8        | 0.06          | 0.94          |
|                                           | 3.8        | 380        | 1.8 x 4.9        | 0.06          | 0.99          |
| <b>MP Side<br/>Strip</b><br>■             | 1.7        | 170        | 1.1 x 8.3        | 0.08          | 1.34          |
|                                           | 2.0        | 200        | 1.2 x 8.6        | 0.09          | 1.43          |
|                                           | 2.5        | 250        | 1.4 x 8.9        | 0.09          | 1.57          |
|                                           | <b>2.8</b> | <b>280</b> | <b>1.5 x 9.1</b> | <b>0.10</b>   | <b>1.66</b>   |
|                                           | 3.0        | 300        | 1.6 x 9.3        | 0.10          | 1.72          |
|                                           | 3.5        | 350        | 1.7 x 9.6        | 0.11          | 1.87          |
|                                           | 3.8        | 380        | 1.8 x 9.9        | 0.12          | 1.96          |

## MP Strips



**MPLCS-515**  
Left Corner Strip  
1.5 x 4.6 m



**MPRCS-515**  
Right Corner Strip  
1.5 x 4.6 m



**MPSS-530**  
Side Strip  
1.5 x 9.1 m



### Notes:

To match the precipitation rate of Standard MP Rotator models, use single-row or triangular spacing. To match the MP800, use rectangular spacing.

See [page 239](#) for precipitation rate calculation.

## MP ROTATOR PERFORMANCE DATA

**MP Corner**  
Radius: 2.5 to 4.5 m  
Adjustable Arc  
● Turquoise: 45° to 105°

| Arc                                                                                       | Pressure   |            | Radius     | Flow               | Flow        |
|-------------------------------------------------------------------------------------------|------------|------------|------------|--------------------|-------------|
|                                                                                           | bar        | kPa        | m          | m <sup>3</sup> /hr | l/min       |
| 45°<br>  | 1.7        | 170        | --         | --                 | --          |
|                                                                                           | 2.0        | 200        | 3.5        | 0.04               | 0.61        |
|                                                                                           | 2.5        | 250        | 4.0        | 0.04               | 0.68        |
|                                                                                           | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.04</b>        | <b>0.70</b> |
|                                                                                           | 3.0        | 300        | 4.3        | 0.04               | 0.73        |
|                                                                                           | 3.5        | 350        | 4.4        | 0.05               | 0.78        |
|                                                                                           | 3.8        | 380        | 4.5        | 0.05               | 0.81        |
| 90°<br>  | 1.7        | 170        | 3.2        | 0.07               | 1.15        |
|                                                                                           | 2.0        | 200        | 3.5        | 0.08               | 1.27        |
|                                                                                           | 2.5        | 250        | 4.0        | 0.08               | 1.40        |
|                                                                                           | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.09</b>        | <b>1.44</b> |
|                                                                                           | 3.0        | 300        | 4.3        | 0.09               | 1.57        |
|                                                                                           | 3.5        | 350        | 4.4        | 0.10               | 1.67        |
|                                                                                           | 3.8        | 380        | 4.5        | 0.10               | 1.73        |
| 105°<br> | 1.7        | 170        | 3.2        | 0.08               | 1.34        |
|                                                                                           | 2.0        | 200        | 3.5        | 0.09               | 1.48        |
|                                                                                           | 2.5        | 250        | 4.0        | 0.10               | 1.63        |
|                                                                                           | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.10</b>        | <b>1.70</b> |
|                                                                                           | 3.0        | 300        | 4.3        | 0.11               | 1.83        |
|                                                                                           | 3.5        | 350        | 4.4        | 0.12               | 1.94        |
|                                                                                           | 3.8        | 380        | 4.5        | 0.12               | 2.00        |

### MP Corner



**MP-CORNER**  
Corner  
2.5 to 4.5 m

### Male Threaded



**MP-HT**  
Male Threaded

### MP Accessories

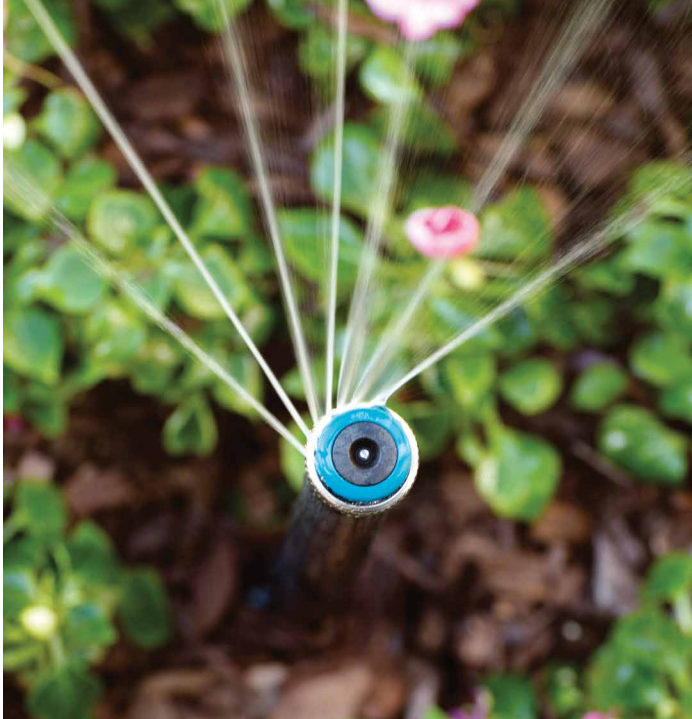


**MPTOOL**  
Adjusts all MP Rotator models



**MPSTICK**  
Snaps onto any length of 1" (25 mm) PVC to allow standing adjustment.  
*PVC pipe not included.*

### MP Corner



### MP Tool for easy adjustments

