

# 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 PERFORMANCE DATA

| Arc  | Pressure   |            | MP1000     |                         |             |              |           | MP2000                  |             |              |           |                         | MP3000     |              |              |           |           |
|------|------------|------------|------------|-------------------------|-------------|--------------|-----------|-------------------------|-------------|--------------|-----------|-------------------------|------------|--------------|--------------|-----------|-----------|
|      | bar        | kPa        | Radius m   | Flow m <sup>3</sup> /hr | Flow l/min  | Precip mm/hr | Radius m  | Flow m <sup>3</sup> /hr | Flow l/min  | Precip mm/hr | Radius m  | Flow m <sup>3</sup> /hr | Flow l/min | Precip mm/hr |              |           |           |
| 90°  | 1.7        | 170        | -          | -                       | -           | -            | 5.2       | 0.08                    | 1.29        | 12           | 13        | 7.6                     | 0.16       | 2.69         | 11           | 13        |           |
|      | 2.0        | 200        | 3.7        | 0.04                    | 0.64        | 11           | 13        | 5.5                     | 0.09        | 1.44         | 12        | 13                      | 8.2        | 0.17         | 2.88         | 10        | 12        |
|      | 2.5        | 250        | 4.0        | 0.04                    | 0.72        | 11           | 13        | 5.8                     | 0.09        | 1.52         | 11        | 13                      | 8.5        | 0.19         | 3.11         | 10        | 12        |
|      | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.05</b>             | <b>0.80</b> | <b>11</b>    | <b>13</b> | <b>6.1</b>              | <b>0.10</b> | <b>1.63</b>  | <b>11</b> | <b>12</b>               | <b>9.1</b> | <b>0.20</b>  | <b>3.26</b>  | <b>10</b> | <b>11</b> |
|      | 3.0        | 300        | 4.3        | 0.05                    | 0.87        | 11           | 13        | 6.4                     | 0.11        | 1.74         | 10        | 12                      | 9.1        | 0.21         | 3.41         | 10        | 12        |
|      | 3.5        | 350        | 4.5        | 0.06                    | 0.95        | 11           | 13        | 6.4                     | 0.11        | 1.78         | 11        | 12                      | 9.1        | 0.22         | 3.60         | 11        | 12        |
|      | 3.8        | 380        | 4.5        | 0.06                    | 1.02        | 12           | 14        | 6.4                     | 0.11        | 1.82         | 11        | 12                      | 9.1        | 0.23         | 3.83         | 11        | 13        |
| 180° | 1.7        | 170        | -          | -                       | -           | -            | 4.9       | 0.14                    | 2.27        | 11           | 13        | 7.6                     | 0.33       | 5.46         | 11           | 13        |           |
|      | 2.0        | 200        | 3.7        | 0.08                    | 1.29        | 11           | 13        | 5.2                     | 0.15        | 2.43         | 11        | 13                      | 8.2        | 0.36         | 5.99         | 11        | 12        |
|      | 2.5        | 250        | 4.0        | 0.09                    | 1.44        | 11           | 13        | 5.5                     | 0.16        | 2.69         | 11        | 12                      | 8.5        | 0.39         | 6.44         | 11        | 12        |
|      | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.10</b>             | <b>1.59</b> | <b>11</b>    | <b>13</b> | <b>5.8</b>              | <b>0.18</b> | <b>2.92</b>  | <b>11</b> | <b>12</b>               | <b>9.1</b> | <b>0.42</b>  | <b>6.90</b>  | <b>10</b> | <b>12</b> |
|      | 3.0        | 300        | 4.3        | 0.10                    | 1.67        | 11           | 13        | 6.1                     | 0.20        | 3.22         | 11        | 12                      | 9.1        | 0.44         | 7.31         | 11        | 12        |
|      | 3.5        | 350        | 4.5        | 0.12                    | 1.90        | 11           | 13        | 6.4                     | 0.21        | 3.45         | 10        | 12                      | 9.1        | 0.47         | 7.73         | 11        | 13        |
|      | 3.8        | 380        | 4.5        | 0.12                    | 1.93        | 12           | 13        | 6.4                     | 0.22        | 3.60         | 11        | 12                      | 9.1        | 0.49         | 8.07         | 12        | 14        |
| 210° | 1.7        | 170        | -          | -                       | -           | -            | 4.9       | 0.17                    | 2.73        | 12           | 14        | 7.6                     | 0.39       | 6.37         | 11           | 13        |           |
|      | 2.0        | 200        | 3.7        | 0.09                    | 1.52        | 12           | 13        | 5.2                     | 0.17        | 2.84         | 11        | 13                      | 8.2        | 0.42         | 6.97         | 11        | 12        |
|      | 2.5        | 250        | 4.0        | 0.10                    | 1.71        | 11           | 13        | 5.5                     | 0.19        | 3.07         | 11        | 12                      | 8.5        | 0.46         | 7.54         | 11        | 13        |
|      | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.11</b>             | <b>1.86</b> | <b>11</b>    | <b>13</b> | <b>5.8</b>              | <b>0.20</b> | <b>3.26</b>  | <b>10</b> | <b>12</b>               | <b>9.1</b> | <b>0.49</b>  | <b>8.03</b>  | <b>10</b> | <b>12</b> |
|      | 3.0        | 300        | 4.3        | 0.12                    | 1.93        | 11           | 13        | 6.1                     | 0.21        | 3.45         | 10        | 11                      | 9.1        | 0.52         | 8.53         | 11        | 12        |
|      | 3.5        | 350        | 4.5        | 0.13                    | 2.16        | 11           | 13        | 6.4                     | 0.23        | 3.71         | 9         | 11                      | 9.1        | 0.55         | 8.98         | 11        | 13        |
|      | 3.8        | 380        | 4.5        | 0.14                    | 2.24        | 11           | 13        | 6.4                     | 0.23        | 3.83         | 10        | 11                      | 9.1        | 0.57         | 9.44         | 12        | 14        |
| 270° | 1.7        | 170        | -          | -                       | -           | -            | 4.9       | 0.20                    | 3.30        | 11           | 13        | 7.6                     | 0.50       | 8.30         | 12           | 13        |           |
|      | 2.0        | 200        | 3.7        | 0.11                    | 1.82        | 11           | 12        | 5.2                     | 0.22        | 3.60         | 11        | 12                      | 8.2        | 0.55         | 8.98         | 11        | 12        |
|      | 2.5        | 250        | 4.0        | 0.12                    | 2.01        | 10           | 12        | 5.5                     | 0.24        | 3.90         | 10        | 12                      | 8.5        | 0.59         | 9.66         | 11        | 12        |
|      | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.14</b>             | <b>2.39</b> | <b>11</b>    | <b>13</b> | <b>5.8</b>              | <b>0.25</b> | <b>4.17</b>  | <b>10</b> | <b>12</b>               | <b>9.1</b> | <b>0.63</b>  | <b>10.35</b> | <b>10</b> | <b>12</b> |
|      | 3.0        | 300        | 4.3        | 0.15                    | 2.54        | 11           | 13        | 6.1                     | 0.27        | 4.43         | 10        | 11                      | 9.1        | 0.66         | 10.95        | 11        | 12        |
|      | 3.5        | 350        | 4.5        | 0.17                    | 2.73        | 11           | 13        | 6.4                     | 0.28        | 4.66         | 9         | 11                      | 9.1        | 0.70         | 11.60        | 11        | 13        |
|      | 3.8        | 380        | 4.5        | 0.17                    | 2.84        | 11           | 13        | 6.4                     | 0.30        | 4.93         | 10        | 11                      | 9.1        | 0.74         | 12.20        | 12        | 14        |
| 360° | 1.7        | 170        | -          | -                       | -           | -            | 4.9       | 0.28                    | 4.55        | 11           | 13        | 7.6                     | 0.66       | 10.92        | 11           | 13        |           |
|      | 2.0        | 200        | 3.7        | 0.16                    | 2.62        | 12           | 13        | 5.2                     | 0.29        | 4.85         | 11        | 13                      | 8.2        | 0.72         | 11.94        | 11        | 12        |
|      | 2.5        | 250        | 4.0        | 0.18                    | 2.92        | 11           | 13        | 5.5                     | 0.32        | 5.19         | 10        | 12                      | 8.5        | 0.78         | 12.89        | 11        | 12        |
|      | <b>2.8</b> | <b>280</b> | <b>4.1</b> | <b>0.19</b>             | <b>3.18</b> | <b>11</b>    | <b>13</b> | <b>5.8</b>              | <b>0.34</b> | <b>5.61</b>  | <b>10</b> | <b>12</b>               | <b>9.1</b> | <b>0.84</b>  | <b>13.80</b> | <b>10</b> | <b>12</b> |
|      | 3.0        | 300        | 4.3        | 0.20                    | 3.34        | 11           | 13        | 6.1                     | 0.36        | 5.95         | 10        | 11                      | 9.1        | 0.89         | 14.63        | 11        | 12        |
|      | 3.5        | 350        | 4.5        | 0.23                    | 3.71        | 11           | 13        | 6.4                     | 0.39        | 6.37         | 9         | 11                      | 9.1        | 0.94         | 15.43        | 11        | 13        |
|      | 3.8        | 380        | 4.5        | 0.23                    | 3.83        | 11           | 13        | 6.4                     | 0.40        | 6.59         | 10        | 11                      | 9.1        | 0.98         | 16.18        | 12        | 14        |

**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.

### Works best with Pro-Spray PRS40



For Pro-Spray PRS40 information see [page 67](#)



**Smart WaterMark**  
Recognised as a responsible water-saving tool




Compatible with:



**Pro-Spray PRS40**  
[Page 67](#)

**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 Corner 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 Corner 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 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<br>m | Flow<br>m <sup>3</sup> /hr | Flow<br>l/min |
|---|------------|------------|-------------|----------------------------|---------------|
|   | bar        | kPa        |             |                            |               |
| 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

