

# ECO-ROTATOR

Radius: **2.5 to 9.1 m**

This compact sprinkler comes with a pre-installed MP Rotator® Nozzle that provides up to 30% more water savings over traditional spray nozzles.

## KEY BENEFITS

- Automatic matched precipitation for simplified irrigation design and flexibility
- High distribution uniformity for a healthy landscape and maximum water efficiency
- Double-pop feature protects the nozzle from external debris
- Large inlet filter screen protects the nozzle from internal debris in the system
- Heavy-duty spring for consistent riser retraction

## ADDITIONAL FEATURES

- Wind-resistant, multi-stream technology prevents misting
- For vandal resistance, the arc is adjustable only when the MP Rotator is running
- Colour-coded for easy field identification
- Two-piece ratcheting riser

## OPERATING SPECIFICATIONS

- Low precipitation rate
- Radius range: 1.8 to 9.1 m
- Operational pressure range: 1.7 to 3.8 bar; 170 to 380 kPa
- Recommended operating pressure: 2.8 bar; 280 kPa
- Warranty period: 2 years

## USER-INSTALLED OPTION

- Drain Check Valve (up to 2 m of elevation; P/N 462237SP)



### Eco-Rotator

Retracted height: 18 cm  
Pop-up height: 10 cm  
Exposed diameter: 3 cm  
Inlet size: ½"

## ECO-ROTATOR PERFORMANCE DATA

### ECO-04 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           | m³/hr       | l/min         | ■         | ▲          | m           | m³/hr       |
| 90°<br>■   | 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°<br>●  | 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°<br>●  | 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°<br>●  | 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        |

**Bold** = Recommended pressure

| ECO-ROTATOR      |  |
|------------------|--|
| Model            | Description  |
| ECO-04-800SR-90  | 10 cm pop-up, MP800SR 1.8 to 3.5 m radius, adjustable from 90° to 210° |
| ECO-04-800SR-360 | 10 cm pop-up, MP800SR 1.8 to 3.5 m radius, 360°                        |
| ECO-04-1090      | 10 cm pop-up, MP1000 2.5 to 4.5 m radius, adjustable from 90° to 210°  |
| ECO-04-10360     | 10 cm pop-up, MP1000 2.5 to 4.5 m radius, 360°                         |
| ECO-04-2090      | 10 cm pop-up, MP2000 4.0 to 6.4 m radius, adjustable from 90° to 210°  |
| ECO-04-20360     | 10 cm pop-up, MP2000 4.0 to 6.4 m radius, 360°                         |
| ECO-04-3090      | 10 cm pop-up, MP3000 6.7 to 9.1 m radius, adjustable from 90° to 210°  |
| ECO-04-30360     | 10 cm pop-up, MP3000 6.7 to 9.1 m radius, 360°                         |

Eco-Rotator



| ECO-ROTATOR PERFORMANCE DATA |            |   |             |               |               |              |           |  |               |               |              |           |             |  |               |              |           |  |  |
|------------------------------|------------|---|-------------|---------------|---------------|--------------|-----------|--|---------------|---------------|--------------|-----------|-------------|--|---------------|--------------|-----------|--|--|
|                              |            | ECO-04 MP1000<br>Radius: 2.5 to 4.5 m<br>Adjustable Arc and Full-Circle<br>● Maroon: 90° to 210°<br>● Olive: 360° |             |               |               |              |           | ECO-04 MP2000<br>Radius: 4.0 to 6.4 m<br>Adjustable Arc and Full-Circle<br>● Black: 90° to 210°<br>● Red: 360° |               |               |              |           |             | ECO-04 MP3000<br>Radius: 6.7 to 9.1 m<br>Adjustable Arc and Full-Circle<br>● Blue: 90° to 210°<br>● Grey: 360° |               |              |           |  |  |
| Arc                          | Pressure   |   | Radius<br>m | Flow<br>m³/hr | Flow<br>l/min | Precip mm/hr |           | Radius<br>m  | Flow<br>m³/hr | Flow<br>l/min | Precip mm/hr |           | Radius<br>m | Flow<br>m³/hr  | Flow<br>l/min | Precip mm/hr |           |  |  |
|                              | bar        | kPa   |             |               |               | ■            | ▲         |  |               |               | ■            | ▲         |             |  |               | ■            | ▲         |  |  |
| 90°<br>☛                     | 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        |  |  |
| 180°<br>☾                    | 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        |  |  |
| 210°<br>☾                    | 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        |  |  |
| 360°<br>●                    | 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** = Recommended pressure