

# 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
- Adjustable arc only when MP Rotator is running for vandal resistance
- Colour-coded for easy field identification
- Two-piece ratcheting riser
- Check valve option eliminates low-head drainage

## OPERATING SPECIFICATION

- Low precipitation rate of approximately 10 mm/hr — lowest in the industry
- Radius range: 2.5 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 OPTIONS

- 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

Model	Description
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 PERFORMANCE DATA**

**ECO-04 MP1000**

Radius: 2.5 to 4.5 m  
Adjustable Arc and Full-Circle  
● Maroon: 90° to 210°  
● Olive: 360°

**ECO-04 MP2000**

Radius: 4.0 to 6.4 m  
Adjustable Arc and Full-Circle  
● Black: 90° to 210°  
● Red: 360°

**ECO-04 MP3000**

Radius: 6.7 to 9.1 m  
Adjustable Arc and Full-Circle  
● Blue: 90° to 210°  
● Grey: 360°

Arc	Pressure		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	
	bar	kPa				■	▲				■	▲				■	▲
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
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** = Recommended pressure

**Eco-Rotator**

