

# ECO ROTATOR

Radius: 2.5 to 9.1 m

## FEATURES

- Model: 10 cm
- Adjustable arc and radius offer precise settings
- Two-piece ratchet
- Warranty period: 2 years
- Nozzle choices:  
MP1000-90, MP2000-90  
MP3000-90, MP1000-360  
MP2000-360, MP3000-360
- ▶ Automatic matched precipitation
- ▶ Double-pop
- ▶ Distribution uniformity
- ▶ Low precipitation rate

## OPERATING SPECIFICATIONS

- Flow rate: 0.04 to 0.96 m<sup>3</sup>/hr; 0.61 to 16.07 l/min
- Radius: 2.5 to 9.1 m
- Recommended pressure range: 1.7 to 3.8 bar; 170 to 380 kPa
- Precipitation rates: 10 mm/hr approximately

## USER INSTALLED OPTIONS

- Drain check valve (up to 2 m of elevation; P/N 462237)
- ▶ = *Advanced Feature descriptions on page 53*



### Eco Rotator

Overall height: 19 cm  
Exposed diameter: 3 cm  
Inlet size: ½"

## ECO ROTATOR

Model	Description
ECO-04 - 1090	10 cm pop-up, MP-1000 2.5 to 4.5 m radius, adjustable from 90° to 210°
ECO-04 - 10360	10 cm pop-up, MP-1000 2.5 to 4.5 m radius, 360°
ECO-04 - 2090	10 cm pop-up, MP-2000 4.0 to 6.4 m radius, adjustable from 90° to 210°
ECO-04 - 20360	10 cm pop-up, MP-2000 4.0 to 6.4 m radius, 360°
ECO-04 - 3090	10 cm pop-up, MP-3000 6.7 to 9.1 m radius, adjustable from 90° to 210°
ECO-04 - 30360	10 cm pop-up, MP-3000 6.7 to 9.1 m radius, 360°

ECO ROTATOR PERFORMANCE DATA

ECO-04 MP-1000

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

ECO-04 MP-2000

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

ECO-04 MP-3000

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

Arc	Pressure		Radius		Flow	Flow	Precip mm/hr		Radius		Flow	Flow	Precip mm/hr		Radius		Flow	Flow	Precip mm/hr			
	bar	kPa	m	m	m <sup>3</sup> /hr	l/min	■	▲	m	m	m <sup>3</sup> /hr	l/min	■	▲	m	m	m <sup>3</sup> /hr	l/min	■	▲		
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

MP ROTATOR