

# Eco-Rotator

This compact sprinkler offers maximum efficiency, flexibility, and performance.

## 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

## 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: 10 cm model (up to 2 m of elevation) P/N: 462237SP



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## ECO ROTATOR PERFORMANCE DATA

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### ECO-04 MP800SR

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**Radius:** 1.8 to 3.5 m

Adjustable Arc & Full Circle

**Orange and Grey:** 90° to 210°

**Lime Green and Grey:** 360°

Arc	MAX RADIUS								MIN RADIUS		
	Pressure		Radius	Flow		Precip mm/hr		Radius	Flow		
	bar	kPa		m <sup>3</sup> /hr	l/min	■	▲		m <sup>3</sup> /hr	l/min	
90° 	2.1	210	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	
	2.8	280	3.1	0.05	0.87	21	24	2.4	0.04	0.61	
	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° 	2.1	210	2.6	0.07	1.21	22	25	1.8	0.06	0.98	
	2.5	250	2.8	0.08	1.4	21	24	2.1	0.07	1.10	
	2.8	280	3.0	0.10	1.59	21	24	2.4	0.07	1.21	
	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° 	2.1	210	2.6	0.08	1.4	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	
	2.8	280	3.0	0.11	1.85	21	24	2.4	0.08	1.41	
	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	2.2	18	21	3.0	0.11	1.77	
360° 	2.1	210	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	
	2.8	280	3.0	0.18	2.95	20	23	2.4	0.13	2.12	
	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	








**ECO-04 MP1000**

**Radius:** 2.5 to 4.6 m

Adjustable Arc & Full Circle

**Maroon:** 90° to 210°

**Olive:** 360°

Arc	Pressure			Radius	Flow		Precip mm/hr	
	bar	kPa			m <sup>3</sup> /hr	l/min	■	▲
90° 	1.7	170		...	...	...	...	...
	2.0	200		3.7	0.04	0.61	11	12
	2.5	250		4.0	0.04	0.68	10	12
	2.8	280		4.1	0.04	0.70	10	11
	3.0	300		4.3	0.04	0.73	10	11
	3.5	350		4.4	0.05	0.78	10	11
	3.8	380		4.6	0.05	0.81	9	11
180° 	1.7	170		...	...	...	...	...
	2.0	200		3.7	0.07	1.20	11	12
	2.5	250		4.0	0.08	1.35	10	12
	2.8	280		4.1	0.08	1.40	10	11
	3.0	300		4.3	0.09	1.46	10	11
	3.5	350		4.4	0.09	1.56	10	11
	3.8	380		4.6	0.10	1.62	9	11
210° 	1.7	170		...	...	...	...	...
	2.0	200		3.7	0.09	1.41	11	13
	2.5	250		4.0	0.10	1.58	10	12
	2.8	280		4.1	0.10	1.63	10	11
	3.0	300		4.3	0.10	1.71	10	11
	3.5	350		4.4	0.11	1.82	10	11
	3.8	380		4.6	0.11	1.89	9	11
360° 	1.7	170		...	...	...	...	...
	2.0	200		3.5	0.14	2.40	12	14
	2.5	250		4.0	0.16	2.69	10	12
	2.8	280		4.1	0.17	2.81	10	12
	3.0	300		4.3	0.18	2.94	10	11
	3.5	350		4.4	0.19	3.17	10	11
	3.8	380		4.5	0.20	3.25	10	11









**ECO-04 MP2000**

**Radius:** 4 to 6.4 m

Adjustable Arc & Full Circle

**Black:** 90° to 210°

**Red:** 360°

Arc	Pressure			Radius	Flow		Precip mm/hr	
	bar	kPa			m <sup>3</sup> /hr	l/min	■	▲
90° 	1.7	170		5.2	0.07	1.18	11	12
	2.0	200		5.5	0.07	1.23	10	11
	2.5	250		5.8	0.09	1.43	10	12
	2.8	280		6.1	0.09	1.52	10	11
	3.0	300		6.4	0.09	1.57	9	11
	3.5	350		6.7	0.10	1.68	9	10
	3.8	380		6.7	0.11	1.77	9	11
180° 	1.7	170		4.9	0.13	2.22	11	12
	2.0	200		5.2	0.14	2.35	11	12
	2.5	250		5.5	0.16	2.67	11	12
	2.8	280		5.8	0.17	2.80	10	12
	3.0	300		6.1	0.17	2.90	10	11
	3.5	350		6.4	0.19	3.15	9	10
	3.8	380		6.4	0.19	3.22	9	11
210° 	1.7	170		4.9	0.16	2.58	11	12
	2.0	200		5.2	0.17	2.75	11	13
	2.5	250		5.5	0.19	3.08	10	12
	2.8	280		5.8	0.20	3.25	10	12
	3.0	300		6.1	0.21	3.42	10	11
	3.5	350		6.4	0.22	3.70	9	10
	3.8	380		6.4	0.23	3.80	10	11
360° 	1.7	170		4.9	0.27	4.42	11	12
	2.0	200		5.2	0.28	4.72	11	13
	2.5	250		5.5	0.32	5.28	10	12
	2.8	280		5.8	0.33	5.55	10	12
	3.0	300		6.1	0.35	5.80	10	11
	3.5	350		6.4	0.37	6.25	9	10
	3.8	380		6.4	0.38	6.40	9	10






**ECO-04 MP3000**

**Radius:** 6.7 to 9.1 m

Adjustable Arc & Full Circle

**Blue:** 90° to 210°

**Grey:** 360°

Arc	Pressure		Radius	Flow		Precip mm/hr	
	bar	kPa		m	m <sup>3</sup> /hr	l/min	
90° 	1.7	170	<b>7.6</b>	0.16	2.63	11	13
	2.0	200	8.2	0.17	2.77	10	11
	2.5	250	8.5	0.19	3.08	10	12
	2.8	280	9.1	0.20	3.25	9	11
	3.0	300	9.1	0.20	3.38	10	11
	3.5	350	9.1	0.22	3.67	11	12
	3.8	380	9.1	0.23	3.80	11	13
180° 	1.7	170	7.6	0.32	5.48	11	13
	2.0	200	8.2	0.35	5.88	10	12
	2.5	250	8.5	0.40	6.55	11	12
	2.8	280	9.1	0.41	6.88	10	11
	3.0	300	9.1	0.43	7.18	10	12
	3.5	350	9.1	0.47	7.77	11	13
	3.8	380	9.1	0.45	8.02	12	13
210° 	1.7	170	7.6	0.38	6.40	11	13
	2.0	200	8.2	0.41	6.85	10	12
	2.5	250	8.5	0.46	7.65	11	12
	2.8	280	9.1	0.48	8.02	10	11
	3.0	300	9.1	0.50	8.37	10	12
	3.5	350	9.1	0.54	9.03	11	13
	3.8	380	9.1	0.56	9.37	12	13
360° 	1.7	170	7.6	0.66	10.98	11	13
	2.0	200	8.2	0.70	11.72	10	12
	2.5	250	8.5	0.79	13.10	11	12
	2.8	280	9.1	0.83	13.75	10	11
	3.0	300	9.1	0.87	14.37	10	12
	3.5	350	9.1	0.93	15.52	11	13
	3.8	380	9.1	0.96	16.07	12	13

**Bold** = Recommended pressure

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