

MP ROTATOR® PERFORMANCE DATA - MP800SR

MP800SR

Radius: 1.8 to 3.5 m

Adjustable Arc:

Orange and Grey: 90° to 210°

Lime Green and Grey: 360°

MAX RADIUS				MIN RADIUS		
Arc	Pressure bar	Radius m	Flow m³/hr	Radius m	Flow m³/hr	Flow l/min
90°	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	
	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	
180°	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	
	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	
210°	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	
	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	
360°	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	
	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 0.13 2.20 18 21	3.0	0.11 1.77		
	3.8	380	3.6 0.14 2.38 18 21	3.0	0.16 2.65	

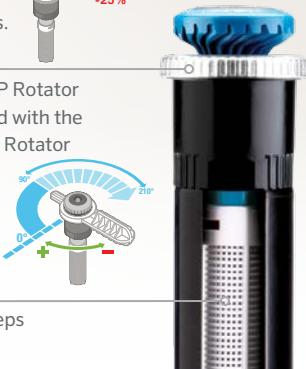


Bold = Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. To achieve the lowest radius setting of 1.8m, it will be necessary to regulate the inlet pressure to 2.1 bar; 210 kPa. Pair with Pro-Spray® PRS30.

Radius Adjustment Screw The MP Rotator is factory preset at the full radius setting. Radius can be reduced by approximately 25%. As the radius is reduced, the flow is reduced proportionally. This allows the sprinkler to maintain matched precipitation, applying the same depth of water to all irrigated areas.



Arc Adjustment Ring Install the MP Rotator with the Left Edge Indicator aligned with the left edge of the landscape. The MP Rotator not only features a fully adjustable arc, but as the arc is changed, the flow adjusts proportionally to maintain matched precipitation.



Inlet Screen Removable screen keeps sprinkler free from internal debris.

Hunter®

REFERENCE CARD

MP Rotator®

Multiple rotating streams for areas from 1.5m to 10.7m



MP ROTATOR® PERFORMANCE DATA

		MP1000						MP2000									
		Radius: 2.5 to 4.5 m Adjustable Arc and Full-Circle			Radius: 4.0 to 6.4 m Adjustable Arc and Full-Circle			Radius: 4.0 to 6.4 m Adjustable Arc and Full-Circle			Radius: 4.0 to 6.4 m Adjustable Arc and Full-Circle						
Arc	Pressure bar kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr				
90°	1.7	170	-	-	-	5.0	0.08	1.29	12	13	5.0	0.09	1.44	12	13		
	2	200	3.7	0.04	0.64	11	13	5.5	0.09	1.52	11	13	5.8	0.09	1.52	11	13
	2.5	250	4.0	0.04	0.72	11	13	6.1	0.10	1.63	11	12	6.4	0.11	1.74	10	12
	2.8	280	4.1	0.05	0.80	11	13	6.4	0.11	1.78	11	12	6.4	0.11	1.82	11	12
	3	300	4.3	0.05	0.87	11	13	6.4	0.11	1.82	11	12	6.4	0.11	1.82	11	12
	3.5	350	4.5	0.06	0.95	11	13	6.4	0.11	1.82	11	12	6.4	0.11	1.82	11	12
180°	1.7	170	-	-	-	4.9	0.14	2.27	11	13	5.2	0.15	2.43	11	13		
	2	200	3.7	0.08	1.29	11	13	5.5	0.16	2.69	11	12	5.8	0.18	2.92	11	12
	2.5	250	4.0	0.09	1.44	11	13	6.1	0.20	3.22	11	12	6.4	0.21	3.45	10	12
	2.8	280	4.1	0.10	1.59	11	13	6.4	0.22	3.60	11	12	6.4	0.22	3.60	11	12
	3	300	4.3	0.10	1.67	11	13	6.4	0.23	3.71	9	11	6.4	0.23	3.83	10	11
	3.5	350	4.5	0.12	1.90	11	13	6.4	0.23	3.83	10	11	6.4	0.23	3.83	10	11
210°	1.7	170	-	-	-	4.9	0.17	2.73	12	14	5.2	0.17	2.84	11	13		
	2	200	3.7	0.09	1.52	12	13	5.5	0.19	3.07	11	12	5.8	0.20	3.26	10	12
	2.5	250	4.0	0.10	1.71	11	13	6.1	0.21	3.45	10	11	6.4	0.23	3.67	10	11
	2.8	280	4.1	0.11	1.86	11	13	6.4	0.23	3.83	10	11	6.4	0.23	3.83	10	11
	3	300	4.3	0.12	1.93	11	13	6.4	0.23	3.83	10	11	6.4	0.23	3.83	10	11
	3.5	350	4.5	0.13	2.16	11	13	6.4	0.23	3.83	10	11	6.4	0.23	3.83	10	11
270°	1.7	170	-	-	-	4.9	0.20	3.30	11	13	5.2	0.22	3.60	11	12		
	2	200	3.7	0.11	1.82	11	12	5.5	0.24	3.90	10	12	5.8	0.25	4.17	10	12
	2.5	250	4.0	0.12	2.01	10	12	6.1	0.27	4.43	10	11	6.4	0.28	4.66	9	11
	2.8	280	4.1	0.14	2.39	11	13	6.4	0.28	4.66	9	11	6.4	0.30	4.93	10	11
	3	300	4.3	0.15	2.54	11	13	6.4	0.30	4.93	10	11	6.4	0.30	4.93	10	11
	3.5	350	4.5	0.17	2.73	11	13	6.4	0.30	4.93	10	11	6.4	0.30	4.93	10	11
360°	1.7	170	-	-	-	4.9	0.28	4.55	11	13	5.2	0.29	4.85	11	13		
	2	200	3.7	0.16	2.62	12	13	5.5	0.32	5.19	10	12	5.8	0.34	5.61	10	12
	2.5	250	4.0	0.18	2.92	11	13	6.1	0.36	5.95	10	11	6.4	0.39	6.37	9	11
	2.8	280	4.1	0.19	3.18	11	13	6.4	0.39	6.37	9	11	6.4	0.40	6.59	10	11
	3	300	4.3	0.20	3.34	11	13	6.4	0.39	6.37	9	11	6.4	0.40	6.59	10	11
	3.5	350	4.5	0.23	3.71	11	13	6.4	0.40	6.59	10	11	6.4	0.40	6.59	10	11

MP ROTATOR PERFORMANCE DATA

		MP Corner						
		Radius: 2.5 to 4.5 m Adjustable Arc			Radius: 4.0 to 4.5 m Adjustable Arc			
Arc	Pressure bar kPa	Radius m	Flow m³/hr	Flow l/min	Radius m	Flow m³/hr	Flow l/min	
45°	1.7	170	--	--	1.7	0.04	0.61	
	2	200	3.5	0.04	0.61	2.0	0.04	0.68
	2.5	250	4.0	0.04	0.68	2.5	0.04	0.75
	2.8	280	4.1	0.04	0.70	2.8	0.04	0.79
	3	300	4.3	0.04	0.73	3.0	0.04	0.87
	3.5	350	4.4	0.05	0.78	3.5	0.05	0.94
90°	1.7	170	3.2	0.07	1.15	1.7	0.07	0.67
	2	200	3.5	0.08	1.27	2.0	0.08	0.75
	2.5	250	4.0	0.08	1.40	2.5	0.08	0.87
	2.8	280	4.1	0.09	1.44	2.8	0.09	0.95
	3	300	4.3	0.09	1.57	3.0	0.09	1.05
	3.5	350	4.4	0.10	1.67	3.5	0.10	1.15
105°	1.7	170	3.2	0.08	1.34	1.7	0.08	0.77
	2	200	3.5	0.09	1.48	2.0	0.09	0.82
	2.5	250	4.0	0.10	1.63	2.5	0.10	0.97
	2.8	280	4.1	0.10	1.70	2.8	0.10	1.04
	3	300	4.3	0.11	1.83	3.0	0.11	1.20
	3.5	350	4.4	0.12	1.94	3.5	0.12	1.31



Works best with the pressure regulated PRS40

MP ROTATOR® PERFORMANCE DATA

		MP3000						MP3500									
		Radius: 6.7 to 9.1 m Adjustable Arc and Full-Circle			Radius: 9.4 to 10.7 m Adjustable Arc			Radius: 6.7 to 9.1 m Adjustable Arc and Full-Circle			Radius: 9.4 to 10.7 m Adjustable Arc						
Arc	Pressure bar kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr				
90°	1.7	170	7.6	0.16	2.69	11	13	10.1	0.24	3.94	9	11	10.4	0.26	4.28	10	11
	2	200	8.2	0.17	2.88	10	12	10.4	0.28	4.58	10	12	10.7	0.29	4.84	10	12
	2.5	250	8.5	0.19	3.11	11	12	10.4	0.30	5.00	11	13	10.7	0.30	5.29	11	13
	2.8	280	9.1	0.20	3.26	10	11	10.7	0.31	5.22	11	12	10.7	0.31	5.48	11	13
	3	300	9.1	0.21	3.41	10	12	10.7	0.31	5.40	12	14	10.7	0.33	5.41	11	13
	3.5	350	9.1	0.22	3.60	11	12	10.7	0.34	5.68	12	14	10.7	0.34	5.68	12	14
180°	1.7	170	7.6	0.33	5.46	11	13	10.1	0.50	8.36	10	11	10.4	0.51	8.48	9	11
	2	200	8.2	0.36	5.99	11	12	10.4	0.60	10.03	11	13	10.7	0.65	10.83	11	13
	2.5	250	8.5	0.39	6.44	11	12	10.4	0.70	11.66	11	13	10.7	0.75	12.45	11	13
	2.8	280	9.1	0.40	6.90	10	12	10.7	0.80	13.40	12	14	10.7	0.85	14.23	13	15
	3	300	9.1	0.42	7.31	11	12	10.7	0.90	14.91	13	15	10.7	0.90	14.91	13	15
	3.8	380	9.1	0.49	8.07	12	14	10.7	0.99	16.18	12	14	10.7	0.99	16.18	12	14
210°	1.7	170	7.6	0.39	6.37	11	13	10.1	0.65	10.75	10	12	10.4	0.66	11.00	11	13
	2	200	8.2	0.42	6.97	11	12	10.4	0.70	11.66	11	13	10.7	0.75	12.45	11	13
	2.5	250	8.5	0.46	7.54	11	13	10.4	0.80	13.05	10	12	10.7	0.85	13.80	10	12
	2.8	280	9.1	0.49	8.03	10	12	10.7	0.90	14.63	11	12	10.7	0.94	15.43	11	13
	3	300	9.1	0.56	8.53	11	12	10.7	0.95	15.43	11	13	10.7	0.94	15.43	11	13
	3.5	350	9.1	0.57	8.49	12	14	10.7	0.96	16.18	12	14	10.7	0.96	16.18	12	14
270°	1.7	170	7.6	0.50	8.30	12	13	10.1	0.66	10.92	11	13	10.4	0.67	11.67	11	13
	2	200	8.2	0.55	8.98	11	12	10.4	0.72	11.94	11	12	10.7	0.72	12.57	11	13
	2.5	250	8.5	0.59	9.66	11	12	10.4	0.86	13.05	10	12	10.7	0.86	13.84	10	12
	2.8	280	9.1	0.63	10.35	10	12	10.7	0.95	14.63	11	12	10.7	0.95	15.43	11	13
	3	300	9.1	0.66	10.95	11	12	10.7	1.02	16.18	12	14	10.7	1.02	17.00	12	14
	3.5	350	9.1	0.70	11.6												