

MP ROTATOR®

Radius: 2.5 to 10.7 m

FEATURES

- Radius can be reduced up to approximately 25% on all models
- Easy arc adjustment
- Colour-coded for easy identification
- Removable filter screen ensures hassle-free service
- Wind-resistant multi-stream technology
- ▶ Automatic matched precipitation
- ▶ Double-pop
- ▶ Distribution uniformity
- ▶ Low precipitation rate

OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.8 bar; 280 kPa
- Recommended filtering when operating on dirty water

OPTIONS

- Pair with Pro-Spray® PRS40 to achieve pressure regulation at the head of 2.8 bar; 280 kPa
- Adding “HT” will specify male threaded nozzles
- ▶ = *Advanced Feature descriptions on page 53*

MP1000 2.5 to 4.5 m radius



MP-1000-90
90° to 210°



MP-1000-210
210° to 270°



MP-1000-360
360°

MP2000 4.0 to 6.4 m radius



MP-2000-90
90° to 210°



MP-2000-210
210° to 270°



MP-2000-360
360°

MP3000 6.7 to 9.1 m radius



MP-3000-90
90° to 210°



MP-3000-210
210° to 270°



MP-3000-360
360°

MP ROTATOR – SPECIFICATION BUILDER: ORDER 1 + 2

1 Model	2 Options
MP-1000-90 = 2.5 to 4.5 m radius, adjustable from 90° to 210°	(blank) = No option HT = Male threaded version <i>(Not available in 3500 and 1000-210)</i>
MP-1000-210 = 2.5 to 4.5 m radius, adjustable from 210° to 270°	
MP-1000-360 = 2.5 to 4.5 m radius, 360°	
MP-2000-90 = 4.0 to 6.4 m radius, adjustable from 90° to 210°	
MP-2000-210 = 4.0 to 6.4 m radius, adjustable from 210° to 270°	
MP-2000-360 = 4.0 to 6.4 m radius, 360°	
MP-3000-90 = 6.7 to 9.1 m radius, adjustable from 90° to 210°	
MP-3000-210 = 6.7 to 9.1 m radius, adjustable from 210° to 270°	
MP-3000-360 = 6.7 to 9.1 m radius, 360°	
MP-3500-90 = 9.4 to 10.7 m radius, adjustable from 90° to 210°	
MP-LCS-515 = Left corner strip, 1.5 m to 4.6 m	
MP-RCS-515 = Right corner strip, 1.5 m to 4.6 m	
MP-SS-530 = Side strip, 1.5 m to 9.1 m	
MP-CORNER = 2.5 to 4.5 m radius, adjustable from 45° to 105°	

Examples:

MP-1000-210 = 2.5 to 4.5 m radius, adjustable from 210° to 270°
PROS-06-PRS40-CV-MP-2000-90 = 15 cm pop-up regulated at 2.8 bar; 280 kPa, drain check valve, with MP2000-90

MP ROTATOR PERFORMANCE DATA

Arc	Pressure		MP-1000					MP-2000					MP-3000				
	bar	kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr ■ ▲	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr ■ ▲	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr ■ ▲			
90°	1.7	170	-	-	-	-	5.2	0.08	1.29	12	13	7.6	0.16	2.69	11	13	
	2	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
	2.8	280	4.1	0.05	0.80	11	13	6.1	0.10	1.63	11	12	9.1	0.20	3.26	10	11
	3	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	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
	2.8	280	4.1	0.10	1.59	11	13	5.8	0.18	2.92	11	12	9.1	0.42	6.90	10	12
	3	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	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
	2.8	280	4.1	0.11	1.86	11	13	5.8	0.20	3.26	10	12	9.1	0.49	8.03	10	12
	3	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
270°	1.7	170	-	-	-	-	4.9	0.20	3.30	11	13	7.6	0.50	8.30	12	13	
	2	200	3.7	0.11	1.82	11	12	5.2	0.22	3.60	11	12	8.2	0.55	8.98	11	12
	2.5	250	4.0	0.12	2.01	10	12	5.5	0.24	3.90	10	12	8.5	0.59	9.66	11	12
	2.8	280	4.1	0.14	2.39	11	13	5.8	0.25	4.17	10	12	9.1	0.63	10.35	10	12
	3	300	4.3	0.15	2.54	11	13	6.1	0.27	4.43	10	11	9.1	0.66	10.95	11	12
	3.5	350	4.5	0.17	2.73	11	13	6.4	0.28	4.66	9	11	9.1	0.70	11.60	11	13
	3.8	380	4.5	0.17	2.84	11	13	6.4	0.30	4.93	10	11	9.1	0.74	12.20	12	14
360°	1.7	170	-	-	-	-	4.9	0.28	4.55	11	13	7.6	0.66	10.92	11	13	
	2	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
	2.8	280	4.1	0.19	3.18	11	13	5.8	0.34	5.61	10	12	9.1	0.84	13.80	10	12
	3	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 = Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. This can easily be achieved by using the MP Rotator with the Hunter PRS40 Spray Body, pressure regulated at 2.8 bar; 280 kPa.




Works best with PRS40



For PRS40 information see page 71

MP ROTATOR PERFORMANCE DATA




MP-3500
 Radius: 9.4 to 10.7 m
 Adjustable Arc
 ● Light Brown: 90° to 210°

Arc	Pressure		Radius m	Flow m³/hr	Flow l/min	Precip. mm/hr	
	bar	kPa				■	▲
90° 	1.7	170	10.1	0.24	3.94	9	11
	2.0	200	10.4	0.26	4.28	10	11
	2.5	250	10.4	0.28	4.58	10	12
	2.8	280	10.7	0.29	4.84	10	12
	3.0	300	10.7	0.31	5.22	11	13
	3.5	350	10.7	0.33	5.41	11	13
	3.8	380	10.7	0.34	5.68	12	14
180° 	1.7	170	10.1	0.50	8.36	10	11
	2.0	200	10.4	0.51	8.48	9	11
	2.5	250	10.4	0.60	10.03	11	13
	2.8	280	10.7	0.65	10.83	11	13
	3.0	300	10.7	0.70	11.73	12	14
	3.5	350	10.7	0.73	12.15	13	15
	3.8	380	10.7	0.75	12.41	13	15
210° 	1.7	170	10.1	0.59	9.80	10	12
	2.0	200	10.4	0.65	10.75	10	12
	2.5	250	10.4	0.70	11.66	11	13
	2.8	280	10.7	0.75	12.45	11	13
	3.0	300	10.7	0.80	13.40	12	14
	3.5	350	10.7	0.85	14.23	13	15
	3.8	380	10.7	0.90	14.91	13	16

Bold = Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. This can easily be achieved by using the MP Rotator with the Hunter PRS40 Spray Body, pressure regulated at 2.8 bar; 280 kPa.

MP ROTATOR PERFORMANCE DATA

● **MP-LCS-515:** Ivory, MP Left Corner Strip
 ● **MP-RCS-515:** Copper, MP Right Corner Strip
 ● **MP-SS-530:** Brown, MP Side Strip

	Pressure		Radius m	Flow m³/hr	Flow l/min
	bar	kPa			
MP Left Corner Strip 	1.7	170	1.1 x 4.2	0.04	0.67
	2.0	200	1.2 x 4.3	0.04	0.72
	2.5	250	1.4 x 4.5	0.05	0.79
	2.8	280	1.5 x 4.6	0.05	0.84
	3.0	300	1.6 x 4.7	0.06	0.87
	3.5	350	1.7 x 4.8	0.06	0.94
	3.8	380	1.8 x 4.9	0.06	0.99
MP Right Corner Strip 	1.7	170	1.1 x 4.2	0.04	0.67
	2.0	200	1.2 x 4.3	0.04	0.72
	2.5	250	1.4 x 4.5	0.05	0.79
	2.8	280	1.5 x 4.6	0.05	0.84
	3.0	300	1.6 x 4.7	0.05	0.87
	3.5	350	1.7 x 4.8	0.06	0.94
	3.8	380	1.8 x 4.9	0.06	0.99
MP Side Strip 	1.7	170	1.1 x 8.3	0.08	1.34
	2.0	200	1.2 x 8.6	0.09	1.43
	2.5	250	1.4 x 8.9	0.09	1.57
	2.8	280	1.5 x 9.1	0.10	1.66
	3.0	300	1.6 x 9.3	0.10	1.72
	3.5	350	1.7 x 9.6	0.11	1.87
	3.8	380	1.8 x 9.9	0.12	1.96

Notes:

Strip pattern radius can be adjusted by 25%. MP Rotator is designed to maintain matched precipitation after radius adjustment. Optimal pressure for the MP Rotator is 2.8 bar; 280 kPa. This can easily be achieved by using the MP Rotator with the Hunter PRS40 Spray Body, pressure regulated at 2.8 bar; 280 kPa.

MP3500 9.4 to 10.7 m radius



MP-3500-90
90° to 210°

MP Strips



MP-LCS-515
Left Corner Strip
1.5 x 4.6 m






MP-RCS-515
Right Corner Strip
1.5 x 4.6 m



MP-SS-530
Side Strip
1.5 x 9.1 m

MP ROTATOR PERFORMANCE DATA

MP Corner
 Radius: 2.5 to 4.5 m
 Adjustable Arc
 ● Turquoise: 45° to 105°

Arc	Pressure		Radius m	Flow m ³ /hr	Flow l/min
	bar	kPa			
45° 	1.7	170	--	--	--
	2.0	200	3.5	0.04	0.61
	2.5	250	4.0	0.04	0.68
	2.8	280	4.1	0.04	0.70
	3.0	300	4.3	0.04	0.73
	3.5	350	4.4	0.05	0.78
	3.8	380	4.5	0.05	0.81
90° 	1.7	170	3.2	0.07	1.15
	2.0	200	3.5	0.08	1.27
	2.5	250	4.0	0.08	1.40
	2.8	280	4.1	0.09	1.44
	3.0	300	4.3	0.09	1.57
	3.5	350	4.4	0.10	1.67
	3.8	380	4.5	0.10	1.73
105° 	1.7	170	3.2	0.08	1.34
	2.0	200	3.5	0.09	1.48
	2.5	250	4.0	0.10	1.63
	2.8	280	4.1	0.10	1.70
	3.0	300	4.3	0.11	1.83
	3.5	350	4.4	0.12	1.94
	3.8	380	4.5	0.12	2.00

MP Corner



MP-CORNER
 Corner
 2.5 to 4.5 m

Male Threaded



MP-HT
 Male Threaded

MP Accessories



MPTOOL
 Adjusts all MP Rotators



MPSTICK
 Snaps onto any length of 1" (25 mm) PVC to allow standing adjustment.
 PVC pipe not included.

MP Rotator



MP Tool for easy adjustments

