

MP ROTATOR®

Radius: 2.5 to 10.7 m

FEATURES

- Radius can be reduced up to 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

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 45*

MP1000 2.6 to 4.5 m radius



MP1000-90 90° to 210° **MP1000-210** 210° to 270° **MP1000-360** 360°

MP2000 4.0 to 6.4 m radius



MP2000-90 90° to 210° **MP2000-210** 210° to 270° **MP2000-360** 360°

MP3000 6.7 to 9.1 m radius



MP3000-90 90° to 210° **MP3000-210** 210° to 270° **MP3000-360** 360°

MP ROTATOR – SPECIFICATION BUILDER: ORDER 1 + 2

1 Model	2 Options
MP1000-90 = 2.5 to 4.5 m radius, adjustable from 90° to 210°	(blank) = No option HT = Male threaded version <i>(Not available in 3500)</i>
MP1000-210 = 2.5 to 4.5 m radius, adjustable from 210° to 270°	
MP1000-360 = 2.5 to 4.5 m radius, 360°	
MP2000-90 = 4.0 to 6.4 m radius, adjustable from 90° to 210°	
MP2000-210 = 4.0 to 6.4 m radius, adjustable from 210° to 270°	
MP2000-360 = 4.0 to 6.4 m radius, 360°	
MP3000-90 = 6.7 to 9.1 m radius, adjustable from 90° to 210°	
MP3000-210 = 6.7 to 9.1 m radius, adjustable from 210° to 270°	
MP3000-360 = 6.7 to 9.1 m radius, 360°	
MP3500-90 = 9.4 to 10.7 m radius, adjustable from 90° to 210°	
MPLCS515 = Left corner strip, 1.5 m to 4.5 m	
MPRCS515 = Right corner strip, 1.5 m to 4.5 m	
MPSS530 = Side strip, 1.5 m to 9.1 m	
MPCORNER = 2.5 to 4.5 m radius, adjustable from 45° to 105°	

Examples:

MP1000-210 = 2.5 to 4.5 m radius, adjustable from 210° to 270°
PROS-06-PRS40-CV-MP2000-90 = 15 cm pop-up regulated at 2.8 bar; 280 kPa, drain check valve, with MP2000-90

MP ROTATOR PERFORMANCE DATA

MP1000

Radius: 2.5 to 4.6 m
Adjustable Arc and Full-Circle
● Maroon: 90° to 210°
● Lt. Blue: 210° to 270°
● Olive: 360°

MP2000

Radius: 4.0 to 6.4 m
Adjustable Arc and Full-Circle
● Black: 90° to 210°
● Green: 210° to 270°
● Red: 360°

MP3000

Radius: 6.7 to 9.1 m
Adjustable Arc and Full-Circle
● Blue: 90° to 210°
● Yellow: 210° to 270°
● Grey: 360°

Arc	Pressure		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	
	bar	kPa				■	▲				■	▲				■	▲
90° ◐	1.7	170	--	--	--	--	--	5.2	0.07	1.18	11	12	7.6	0.16	2.63	11	13
	2.0	200	3.7	0.04	0.61	11	12	5.5	0.07	1.23	10	11	8.2	0.17	2.77	10	11
	2.5	250	4.0	0.04	0.68	10	12	5.8	0.09	1.43	10	12	8.5	0.19	3.08	10	12
	2.8	280	4.1	0.04	0.70	10	11	6.1	0.09	1.52	10	11	9.1	0.20	3.25	9	11
	3.0	300	4.3	0.04	0.73	10	11	6.4	0.09	1.57	9	10	9.1	0.20	3.38	10	11
	3.5	350	4.4	0.05	0.78	10	11	6.4	0.10	1.68	10	11	9.1	0.22	3.67	11	12
3.8	380	4.5	0.05	0.81	9	11	6.4	0.11	1.77	11	12	9.1	0.23	3.80	11	13	
180° ◑	1.7	170	--	--	--	--	--	4.9	0.13	2.22	11	12	7.6	0.32	5.48	11	13
	2.0	200	3.7	0.07	1.20	11	12	5.2	0.14	2.35	11	12	8.2	0.35	5.88	10	12
	2.5	250	4.0	0.08	1.35	10	12	5.5	0.16	2.67	11	12	8.5	0.4	6.55	11	12
	2.8	280	4.1	0.08	1.40	10	11	5.8	0.17	2.80	10	12	9.1	0.41	6.88	10	11
	3.0	300	4.3	0.09	1.46	10	11	6.1	0.17	2.90	10	11	9.1	0.43	7.18	10	12
	3.5	350	4.4	0.09	1.56	10	11	6.4	0.19	3.15	9	10	9.1	0.47	7.77	11	13
3.8	380	4.5	0.10	1.62	9	11	6.4	0.19	3.22	9	11	9.1	0.45	8.02	12	13	
210° ◒	1.7	170	--	--	--	--	--	4.9	0.16	2.58	11	12	7.6	0.38	6.40	11	13
	2.0	200	3.7	0.09	1.41	11	13	5.2	0.17	2.75	11	13	8.2	0.41	6.85	10	12
	2.5	250	4.0	0.10	1.58	10	12	5.5	0.19	3.08	10	12	8.5	0.46	7.65	11	12
	2.8	280	4.1	0.10	1.63	10	11	5.8	0.20	3.25	10	12	9.1	0.48	8.02	10	11
	3.0	300	4.3	0.10	1.71	10	11	6.1	0.21	3.42	10	11	9.1	0.50	8.37	10	12
	3.5	350	4.4	0.11	1.82	10	11	6.4	0.22	3.70	9	10	9.1	0.54	9.03	11	13
3.8	380	4.5	0.11	1.89	9	11	6.4	0.23	3.80	10	11	9.1	0.56	9.37	12	13	
270° ◓	1.7	170	--	--	--	--	--	4.9	0.20	3.32	11	12	7.6	0.50	8.35	12	13
	2.0	200	3.7	0.11	1.80	11	13	5.2	0.21	3.53	11	13	8.2	0.53	8.83	10	12
	2.5	250	4.0	0.12	2.05	10	12	5.5	0.24	3.97	10	12	8.5	0.59	9.82	11	12
	2.8	280	4.1	0.13	2.10	10	11	5.8	0.25	4.15	10	12	9.1	0.62	10.32	10	11
	3.0	300	4.3	0.13	2.20	10	11	6.1	0.26	4.35	10	11	9.1	0.65	10.77	10	12
	3.5	350	4.4	0.14	2.35	10	11	6.4	0.28	4.70	9	10	9.1	0.70	11.68	11	13
3.8	380	4.5	0.15	2.45	9	11	6.4	0.29	4.88	9	11	9.1	0.73	12.12	12	13	
360° ●	1.7	170	--	--	--	--	--	4.9	0.27	4.42	11	12	7.6	0.66	10.98	11	13
	2.0	200	3.7	0.14	2.40	12	14	5.2	0.28	4.72	11	13	8.2	0.70	11.72	10	12
	2.5	250	4.0	0.16	2.69	10	12	5.5	0.32	5.28	10	12	8.5	0.76	13.10	11	12
	2.8	280	4.1	0.17	2.81	10	12	5.8	0.33	5.55	10	12	9.1	0.83	13.75	10	11
	3.0	300	4.3	0.18	2.94	10	11	6.1	0.35	5.80	10	11	9.1	0.87	14.37	10	12
	3.5	350	4.4	0.19	3.17	10	11	6.4	0.37	6.25	9	10	9.1	0.93	15.52	11	13
3.8	380	4.5	0.20	3.25	10	11	6.4	0.38	6.40	9	10	9.1	0.96	16.07	12	13	

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 63

MP ROTATOR

MP ROTATOR PERFORMANCE DATA




MP3500
 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

● **MPLCS515**: Ivory, MP Left Corner Strip
 ● **MPRCS515**: Copper, MP Right Corner Strip
 ● **MPSS530**: 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 radius



MP3500-90
90° to 210°

MP Strips



MPLCS515
Left Corner Strip
1.5 x 4.6 m



MPRCS515
Right Corner Strip
1.5 x 4.6 m



MPSS530
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
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
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	

Bold = Recommended pressure

MP Corner



MPCORNER
 Corner
 2.5 to 4.5 m

Male Threaded



MP-HT
 Male Threaded

MP Accessories

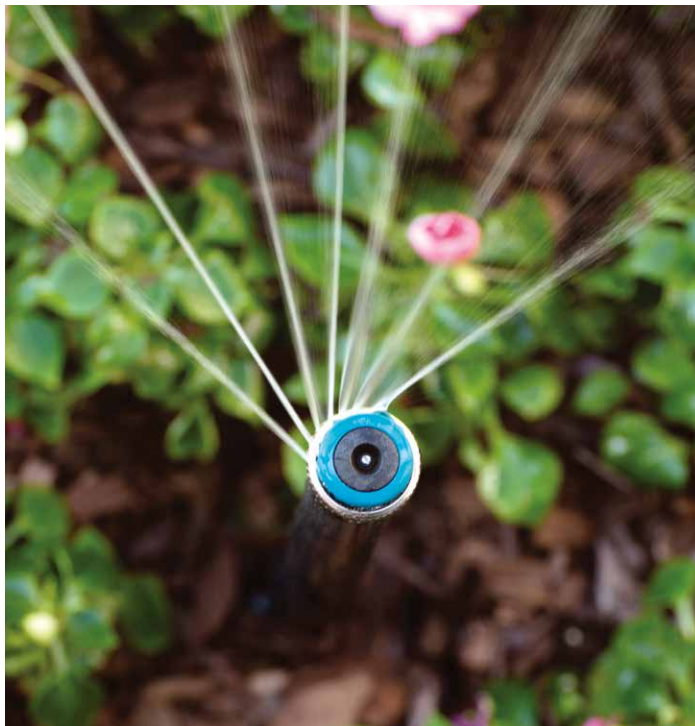


MPTOOL
 Adjusts all MP Rotators

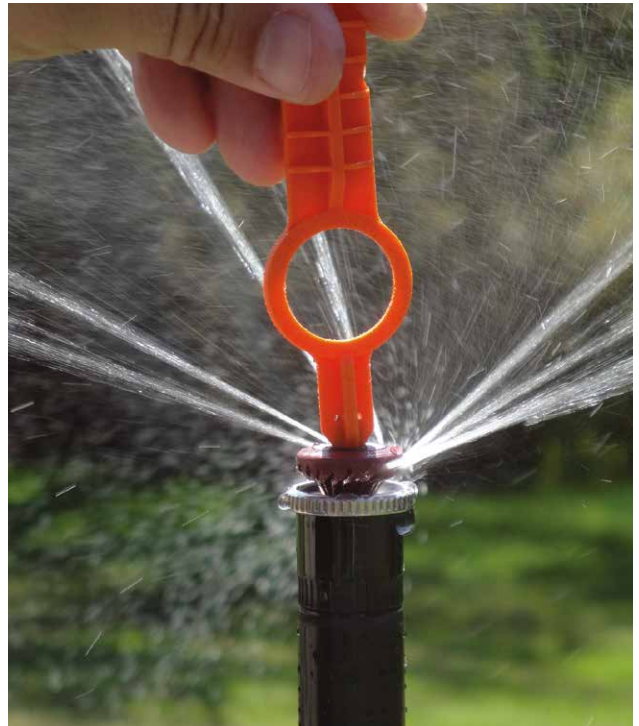


MPSTICK
 Snaps onto any length of 1" (25 mm) PVC to allow standing adjustment.
PVC pipe not included.

MP Rotator



MP Tool for easy adjustments



MP ROTATOR® SR

Radius: 1.8 to 3.5 m

FEATURES

- Provides coverage from 1.8 to 3.5 m
- Colour-coded for easy identification
- Removable filter screen prevents large objects from clogging nozzle
- Wind-resistant multi-stream technology
- Adjustable arc and radius
- ▶ Automatic matched precipitation
- ▶ Double-pop
- ▶ Distribution uniformity
- ▶ Low precipitation rate

MP800SR 1.8 to 3.5 m radius



MP800SR-90
1.8 to 3.5 m radius adjustable
from 90°-210°



MP800SR-360
1.8 to 3.5 m radius
360°

OPERATING SPECIFICATIONS

- Recommended operating pressure: 2.8 bar, 280 kPa
 - 2.8 bar; 280 kPa for max radius settings
 - 2.1 bar; 210 kPa for min radius settings
- Recommended to use with clean water
- MP800SR-90 uses a 60 mesh built-in nozzle filter
- MP800SR-360 uses a 40 mesh built-in nozzle filter
- Use 150 mesh pre-filter arrangement
- Hunter ACZ, PCZ, or ICZ drip filters are a great solution for zone-specific MP800SR arrangements

OPTIONS

- Specify Pro-Spray® PRS40 pop-up for accurate pressure regulation to achieve typical radius settings
- Specify Pro-Spray PRS30 for accurate pressure regulation to achieve minimum radius settings
- ▶ = *Advanced Feature descriptions on page 45*

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		Radius	Flow		Precip. mm/hr		Radius	Flow	
	bar	kPa	m	m ³ /hr	l/min	■	▲	m	m ³ /hr	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
	3.8	380	3.5	0.06	1.06	20	23	3.0	0.05	0.76
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
	3.8	380	3.5	0.11	1.89	18	21	3.0	0.09	1.51
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
	3.8	380	3.5	0.13	2.20	18	21	3.0	0.11	1.77
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	0.22	3.71	18	21	3.0	0.16	2.65

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