

PRO-SPRAY®

Meet the strongest, most versatile spray sprinkler body in the industry.

KEY BENEFITS

- Industry's strongest spray body for years of reliable performance
- Co-molded wiper seal made from chemical- and chlorine-resistant materials
- Innovative seal design prevents cap-to-body leaks, even with a loose cap
- Heavy-duty spring for consistent riser retraction
- Check valve option eliminates low-head drainage

ADDITIONAL FEATURES

- Directional flush plug design for cleaner installation
- Interchangeable components for easier servicing, retrofits, and upgrades
- Compatible with all female-threaded nozzles

OPERATING SPECIFICATIONS

- Operational pressure range: 15 to 100 PSI
- Warranty period: 5 years

FACTORY-INSTALLED OPTIONS

- Check valve available for 4", 6", and 12" models (up to 10' of elevation)
- Reclaimed water ID cap

USER-INSTALLED OPTIONS

- Drain check valve (up to 10' of elevation; P/N 437400SP)
- Reclaimed water ID cap (P/N 458520SP)
- Snap-on reclaimed cover (P/N PROS-RC-CAP-SP)
- Shutoff cap (P/N 213600SP)
- Shutoff nozzle (P/N 916400SP)



Pro-Spray Reclaimed

Pro-Spray models include optional factory-installed purple reclaimed caps

PRO-SPRAY - SPECIFICATION BUILDER: ORDER 1 + 2

1 Models	2 Options
PROS-00 = Shrub adapter PROS-02 = 2" pop-up PROS-03 = 3" pop-up PROS-04 = 4" pop-up PROS-06 = 6" pop-up (no side inlet) PROS-12 = 12" pop-up (no side inlet)	(blank) = No option CV = Factory-installed drain check valve (Pop-up models only) R = Factory-installed reclaimed body cap (Shrub molded in purple)

PRO-SPRAY (SIDE INLET) MODELS

Model

PROS-06-SI = 6" pop-up with side inlet

PROS-12-SI = 12" pop-up with side inlet

Examples:

PROS-04 = 4" pop-up

PROS-06-CV = 6" pop-up, drain check valve

PROS-12-CV-R = 12" pop-up, drain check valve, reclaimed body cap



PROS-00

Retracted height: 1½"
Inlet size: ½"



PROS-02

Retracted height: 4"
Pop-up height: 2"
Exposed diameter: 2¼"
Inlet size: ½"



PROS-03

Retracted height: 5"
Pop-up height: 3"
Exposed diameter: 2¼"
Inlet size: ½"



PROS-04

Retracted height: 5⅞"
Pop-up height: 4"
Exposed diameter: 2¼"
Inlet size: ½"



[A]



[B]

[A] PROS-06-SI

[B] PROS-06

Retracted height: 8¾"
Pop-up height: 6"
Exposed diameter: 2¼"
Inlet size: ½"



[A]



[B]

[A] PROS-12-SI

[B] PROS-12

Retracted height: 16⅞"
Pop-up height: 12"
Exposed diameter: 2¼"
Inlet size: ½"

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA

8A

8' radius
Adjustable from
0° to 360°
Trajectory: 15°

● Brown

10A

10' radius
Adjustable from
0° to 360°
Trajectory: 15°

● Red

12A

12' radius
Adjustable from
0° to 360°
Trajectory: 28°

● Green

Arc	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr		Radius ft.	Flow GPM	Precip in/hr		Radius ft.	Flow GPM	Precip in/hr	
				■	▲			■	▲			■	▲
45° ▶	20	7	0.18	2.83	3.27	9	0.20	1.90	2.20	11	0.25	1.59	1.84
	25	8	0.20	2.74	3.16	10	0.23	1.92	2.22	12	0.28	1.60	1.85
	30	8	0.22	2.65	3.06	10	0.25	1.93	2.22	12	0.32	1.68	1.95
	35	9	0.24	2.50	2.89	11	0.28	1.92	2.22	13	0.37	1.80	2.08
	40	9	0.25	2.38	2.74	11	0.30	1.88	2.17	13	0.42	1.91	2.21
90° ◐	20	7	0.36	2.83	3.27	9	0.40	1.90	2.20	11	0.50	1.59	1.84
	25	8	0.40	2.74	3.16	10	0.45	1.92	2.22	12	0.55	1.60	1.85
	30	8	0.44	2.65	3.06	10	0.50	1.93	2.22	12	0.63	1.68	1.95
	35	9	0.47	2.50	2.89	11	0.55	1.92	2.22	13	0.73	1.80	2.08
	40	9	0.50	2.38	2.74	11	0.59	1.88	2.17	13	0.84	1.91	2.21
120° ◑	20	7	0.48	2.83	3.27	9	0.53	1.90	2.20	11	0.67	1.59	1.84
	25	8	0.53	2.74	3.16	10	0.60	1.92	2.22	12	0.73	1.60	1.85
	30	8	0.59	2.65	3.06	10	0.67	1.93	2.22	12	0.84	1.68	1.95
	35	9	0.63	2.50	2.89	11	0.73	1.92	2.22	13	0.97	1.80	2.08
	40	9	0.67	2.38	2.74	11	0.79	1.88	2.17	13	1.12	1.91	2.21
180° ◒	20	7	0.72	2.83	3.27	9	0.80	1.90	2.20	11	1.00	1.59	1.84
	25	8	0.80	2.74	3.16	10	0.90	1.92	2.22	12	1.10	1.60	1.85
	30	8	0.88	2.65	3.06	10	1.00	1.93	2.22	12	1.26	1.68	1.95
	35	9	0.94	2.50	2.89	11	1.10	1.92	2.22	13	1.46	1.80	2.08
	40	9	1.00	2.38	2.74	11	1.18	1.88	2.17	13	1.68	1.91	2.21
240° ◓	20	7	0.96	2.83	3.27	9	1.07	1.90	2.20	11	1.33	1.59	1.84
	25	8	1.07	2.74	3.16	10	1.20	1.92	2.22	12	1.47	1.60	1.85
	30	8	1.17	2.65	3.06	10	1.33	1.93	2.22	12	1.68	1.68	1.95
	35	9	1.25	2.50	2.89	11	1.47	1.92	2.22	13	1.95	1.80	2.08
	40	9	1.33	2.38	2.74	11	1.57	1.88	2.17	13	2.24	1.91	2.21
270° ◔	20	7	1.08	2.83	3.27	9	1.20	1.90	2.20	11	1.50	1.59	1.84
	25	8	1.20	2.74	3.16	10	1.35	1.92	2.22	12	1.65	1.60	1.85
	30	8	1.32	2.65	3.06	10	1.50	1.93	2.22	12	1.89	1.68	1.95
	35	9	1.41	2.50	2.89	11	1.65	1.92	2.22	13	2.19	1.80	2.08
	40	9	1.50	2.38	2.74	11	1.77	1.88	2.17	13	2.52	1.91	2.21
360° ●	20	7	1.44	2.83	3.27	9	1.60	1.90	2.20	11	2.00	1.59	1.84
	25	8	1.60	2.74	3.16	10	1.80	1.92	2.22	12	2.20	1.60	1.85
	30	8	1.76	2.65	3.06	10	2.00	1.93	2.22	12	2.52	1.68	1.95
	35	9	1.88	2.50	2.89	11	2.20	1.92	2.22	13	2.92	1.80	2.08
	40	9	2.00	2.38	2.74	11	2.36	1.88	2.17	13	3.36	1.91	2.21

Bold = Recommended pressure

PS ULTRA STANDARD NOZZLES PERFORMANCE DATA

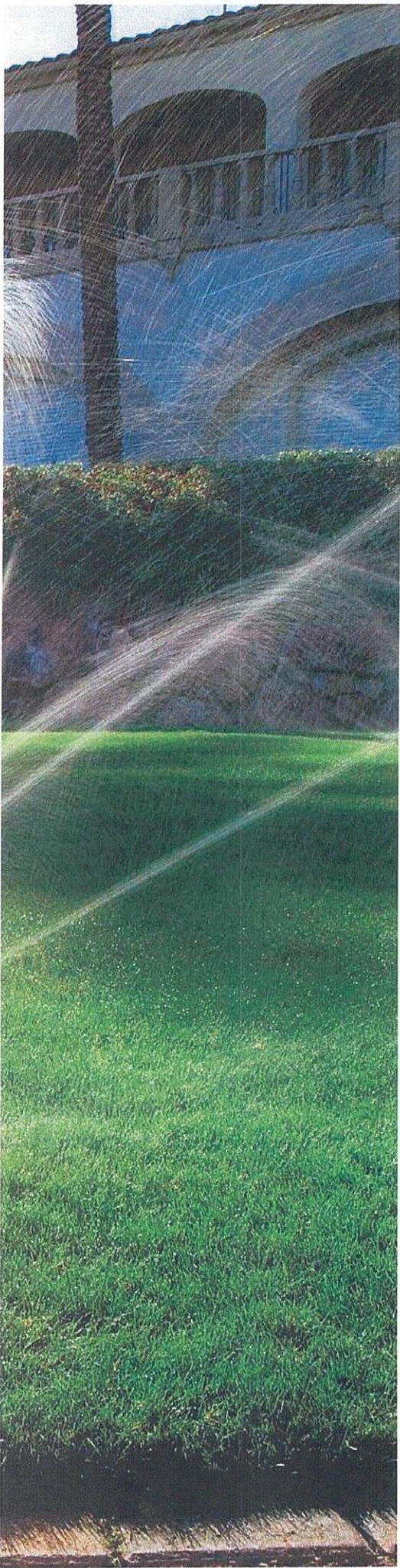
15A 15' radius Adjustable from 0° to 360° Trajectory: 28° ● Black						17A 17' radius Adjustable from 0° to 360° Trajectory: 28° ● Gray					
Arc	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲		Radius ft.	Flow GPM	Precip in/hr ■ ▲			
45° 	20	14	0.39	1.51	1.75	16	0.49	1.46	1.68		
	25	15	0.43	1.57	1.82	17	0.57	1.60	1.85		
	30	15	0.47	1.59	1.84	17	0.58	1.53	1.77		
	35	16	0.52	1.55	1.79	18	0.63	1.49	1.72		
	40	17	0.57	1.60	1.85	19	0.69	1.55	1.79		
90° 	20	14	0.77	1.51	1.75	16	0.97	1.46	1.68		
	25	15	0.86	1.57	1.82	17	1.13	1.60	1.85		
	30	15	0.93	1.59	1.84	17	1.15	1.53	1.77		
	35	16	1.03	1.55	1.79	18	1.25	1.49	1.72		
	40	17	1.13	1.60	1.85	19	1.38	1.55	1.79		
120° 	20	14	1.03	1.51	1.75	16	1.29	1.46	1.68		
	25	15	1.15	1.57	1.82	17	1.51	1.51	1.74		
	30	15	1.24	1.59	1.84	17	1.53	1.53	1.77		
	35	16	1.37	1.55	1.79	18	1.67	1.49	1.72		
	40	17	1.51	1.60	1.85	19	1.84	1.47	1.70		
180° 	20	14	1.54	1.51	1.75	16	1.94	1.46	1.68		
	25	15	1.72	1.57	1.82	17	2.26	1.51	1.74		
	30	15	1.86	1.59	1.84	17	2.30	1.53	1.77		
	35	16	2.06	1.55	1.79	18	2.50	1.49	1.72		
	40	17	2.26	1.60	1.85	19	2.76	1.47	1.70		
240° 	20	14	2.05	1.51	1.75	16	2.59	1.46	1.68		
	25	15	2.29	1.57	1.82	17	3.01	1.51	1.74		
	30	15	2.48	1.59	1.84	17	3.07	1.53	1.77		
	35	16	2.75	1.55	1.79	18	3.33	1.49	1.72		
	40	17	3.01	1.60	1.85	19	3.68	1.47	1.70		
270° 	20	14	2.31	1.51	1.75	16	2.91	1.46	1.68		
	25	15	2.58	1.57	1.82	17	3.39	1.51	1.74		
	30	15	2.79	1.59	1.84	17	3.45	1.53	1.77		
	35	16	3.09	1.55	1.79	18	3.75	1.49	1.72		
	40	17	3.39	1.60	1.85	19	4.14	1.47	1.70		
360° 	20	14	3.08	1.51	1.75	16	3.88	1.46	1.68		
	25	15	3.44	1.57	1.82	17	4.52	1.51	1.74		
	30	15	3.72	1.59	1.84	17	4.60	1.53	1.77		
	35	16	4.12	1.55	1.79	18	5.00	1.49	1.72		
	40	17	4.52	1.60	1.85	19	5.52	1.47	1.70		

Bold = Recommended pressure

STRIP PATTERN NOZZLE PERFORMANCE DATA

Model	Pressure PSI	Width x Length ft.	Flow GPM
SS-530 	20	4 x 28	1.10
	25	5 x 30	1.20
	30	5 x 30	1.30
	35	5 x 30	1.40
	40	5 x 30	1.50

Bold = Recommended pressure



ADVANCED FEATURES

AUTOMATIC MATCHED PRECIPITATION

MP Rotator Nozzles adjust the flow rate through the nozzle as the radius and arc are changed, resulting in the same matched precipitation rate regardless of the nozzle setting.

DOUBLE-POP FEATURE

MP Rotator Nozzles pop up from their protected position only after the riser is fully extended, providing superior defense against dirt and debris.



HIGH DISTRIBUTION UNIFORMITY

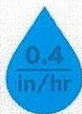
The multiple streams of the MP Rotator Nozzle target all areas of the landscape evenly, resulting in superior uniformity over traditional spray nozzles and better wind resistance.

LOW PRECIPITATION RATE

Since the majority of soils have a water infiltration rate of less than 1.0 in/hr, irrigating at a low precipitation rate is essential to reduce runoff and increase efficiency.

The Standard MP Rotator Nozzle applies water at 0.4 in/hr, while the MP800 Nozzle has a precipitation rate of 0.8 in/hr. Either choice will avoid runoff, save water, and prevent erosion.

STANDARD MP Rotator Nozzles



8' to 35'

- Maximum water efficiency
- Slowest precipitation rate

MP ROTATOR MP800 Nozzles



6' to 16'

- Small spaces
- Tight water windows

MP ROTATOR Strip Nozzles



5' wide

- Rectangular spaces
- Pair with either option

STANDARD MP ROTATOR®

Radius: 8' to 35'

0.4
in/hr

The MP Rotator Nozzle is the most trusted high-efficiency solution on the market, offering up to 30% water savings over traditional spray nozzles.

KEY BENEFITS

- Low precipitation rate of approximately 0.4 in/hr — lowest in the industry
- Automatic matched precipitation for simplified irrigation design and flexibility
- Double-pop feature protects the nozzle from external debris
- High distribution uniformity for a healthy landscape with maximum water efficiency

ADDITIONAL FEATURES

- Wind-resistant, multi-stream technology prevents misting
- For vandal resistance, the arc is adjustable only when the MP Rotator Nozzle is running
- Removable filter screen prevents nozzle from clogging
- Color-coded for easy identification

OPERATING SPECIFICATIONS

- Radius reduction up to approximately 25% on all models
- Recommended operating pressure: 40 PSI
- Minimum radius setting achieved at 30 PSI
- Warranty period: 3 years

OPTIONS

- Pair with Pro-Spray® PRS40 Sprinkler Body for pressure regulation to 40 PSI for nominal radius settings
- Pair with Pro-Spray PRS30 Sprinkler Body for pressure regulation to 30 PSI for minimum radius settings

MP1000: 8' to 15' radius



MP1000-90
90° to 210°



MP1000-210
210° to 270°



MP1000-360
360°

MP2000: 13' to 21' radius



MP2000-90
90° to 210°



MP2000-210
210° to 270°



MP2000-360
360°

MP3000: 22' to 30' radius



MP3000-90
90° to 210°



MP3000-210
210° to 270°



MP3000-360
360°

MP3500: 31' to 35' radius



MP3500-90
90° to 210°

MP ROTATOR - SPECIFICATION BUILDER: ORDER 1 + 2

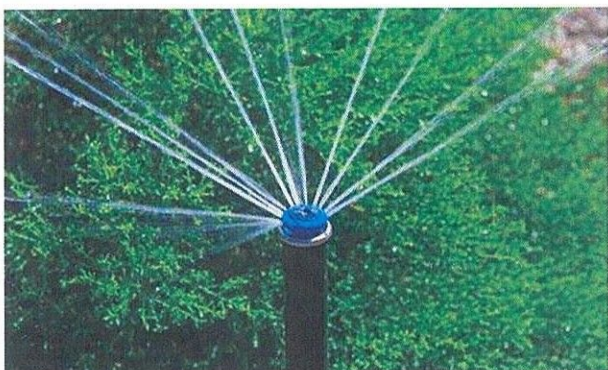
1 Model	2 Options
MP1000-90 = 8' to 15' radius, adjustable from 90° to 210°	(blank) = No option HT = Male threaded version (Not available in 3500 and 1000-210)
MP1000-210 = 8' to 15' radius, adjustable from 210° to 270°	
MP1000-360 = 8' to 15' radius, 360°	
MP2000-90 = 13' to 21' radius, adjustable from 90° to 210°	
MP2000-210 = 13' to 21' radius, adjustable from 210° to 270°	
MP2000-360 = 13' to 21' radius, 360°	
MP3000-90 = 22' to 30' radius, adjustable from 90° to 210°	
MP3000-210 = 22' to 30' radius, adjustable from 210° to 270°	
MP3000-360 = 22' to 30' radius, 360°	
MP3500-90 = 31' to 35' radius, adjustable from 90° to 210°	
MPLCS-515 = Left corner strip, 5' x 15'	
MPRCS-515 = Right corner strip, 5' x 15'	
MPSS-530 = Side strip, 5' x 30'	
MP-CORNER = 8' to 15' radius, adjustable from 45° to 105°	

MP ROTATOR PERFORMANCE DATA

MP1000 Radius: 8' to 15' Adjustable Arc and Full-Circle ● Maroon: 90° to 210° ● Lt. Blue: 210° to 270° ● Olive: 360°							MP2000 Radius: 13' to 21' Adjustable Arc and Full-Circle ● Black: 90° to 210° ● Green: 210° to 270° ● Red: 360°					MP3000 Radius: 22' to 30' Adjustable Arc and Full-Circle ● Blue: 90° to 210° ● Yellow: 210° to 270° ● Gray: 360°				
Arc	Pressure PSI	Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■ ▲		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■ ▲		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■ ▲	
90° 	30	12	0.17	10.2	0.45	0.52	18	0.38	22.8	0.45	0.52	27	0.76	45.6	0.40	0.46
	35	13	0.19	11.4	0.43	0.50	19	0.40	24.0	0.43	0.49	28	0.82	49.2	0.40	0.46
	40	14	0.21	12.6	0.41	0.48	20	0.43	25.8	0.41	0.48	30	0.86	51.6	0.37	0.42
	45	14	0.23	13.8	0.45	0.52	21	0.46	27.6	0.40	0.46	30	0.90	54.0	0.39	0.44
	50	15	0.25	15.0	0.43	0.49	21	0.47	28.2	0.41	0.47	30	0.95	57.0	0.41	0.47
	55	15	0.27	16.2	0.46	0.53	21	0.48	28.8	0.42	0.48	30	1.01	60.6	0.43	0.50
180° 	30	12	0.34	20.4	0.45	0.52	17	0.64	38.4	0.43	0.49	27	1.58	94.8	0.42	0.48
	35	13	0.38	22.8	0.43	0.50	18	0.71	42.6	0.42	0.49	28	1.70	102.0	0.42	0.48
	40	14	0.42	25.2	0.41	0.48	19	0.77	46.2	0.41	0.47	30	1.82	109.2	0.39	0.45
	45	14	0.44	26.4	0.43	0.50	20	0.85	51.0	0.41	0.47	30	1.93	115.8	0.41	0.48
	50	15	0.50	30.0	0.43	0.49	21	0.91	54.6	0.40	0.46	30	2.04	122.4	0.44	0.50
	55	15	0.51	30.6	0.44	0.50	21	0.95	57.0	0.41	0.48	30	2.13	127.8	0.46	0.53
210° 	30	12	0.40	24.0	0.46	0.53	17	0.75	45.0	0.43	0.49	27	1.84	110.4	0.42	0.48
	35	13	0.45	27.0	0.44	0.51	18	0.81	48.6	0.41	0.48	28	1.99	119.4	0.42	0.48
	40	14	0.49	29.4	0.41	0.48	19	0.86	51.6	0.39	0.45	30	2.12	127.2	0.39	0.45
	45	14	0.51	30.6	0.43	0.50	20	0.91	54.6	0.38	0.43	30	2.25	135.0	0.41	0.48
	50	15	0.57	34.2	0.42	0.48	21	0.98	58.8	0.37	0.42	30	2.37	142.2	0.43	0.50
	55	15	0.59	35.4	0.43	0.50	21	1.01	60.6	0.38	0.44	30	2.49	149.4	0.46	0.53
270° 	30	12	0.48	28.8	0.43	0.49	17	0.95	57.0	0.42	0.49	27	2.37	142.2	0.42	0.48
	35	13	0.53	31.8	0.40	0.46	18	1.03	61.8	0.41	0.47	28	2.55	153.0	0.42	0.48
	40	14	0.63	37.8	0.41	0.48	19	1.10	66.0	0.39	0.45	30	2.73	163.8	0.39	0.45
	45	14	0.67	40.2	0.44	0.51	20	1.17	70.2	0.38	0.43	30	2.89	173.4	0.41	0.48
	50	15	0.72	43.2	0.41	0.47	21	1.23	73.8	0.36	0.41	30	3.06	183.6	0.44	0.50
	55	15	0.75	45.0	0.43	0.49	21	1.30	78.0	0.38	0.44	30	3.22	193.2	0.46	0.53
360° 	30	12	0.69	41.4	0.46	0.53	17	1.28	76.8	0.43	0.49	27	3.15	189.0	0.42	0.48
	35	13	0.77	46.2	0.44	0.51	18	1.37	82.2	0.41	0.47	28	3.40	204.0	0.42	0.48
	40	14	0.84	50.4	0.41	0.48	19	1.48	88.8	0.39	0.46	30	3.64	218.4	0.39	0.45
	45	14	0.88	52.8	0.43	0.50	20	1.57	94.2	0.38	0.44	30	3.86	231.6	0.41	0.48
	50	15	0.98	58.8	0.42	0.48	21	1.68	100.8	0.37	0.42	30	4.07	244.2	0.44	0.50
	55	15	1.01	60.6	0.43	0.50	21	1.74	104.4	0.38	0.44	30	4.27	256.2	0.46	0.53

Bold = Optimal pressure for the MP Rotator Nozzle is 40 PSI. This can easily be achieved by using it with the Hunter pressure-regulated Pro-Spray PRS40 Sprinkler Body at 40 PSI.

Works best with Pro-Spray PRS40



Compatible with:



Pro-Spray PRS40
Page 58