

Hunter®

Pro-Spray®



Pro-Spray®

***A Rugged
Contractor-
Friendly
Spray for
Residential
and
Commercial
Projects***

Searching for a spray sprinkler rugged enough to stand up to the needs of a professional contractor? Here it is. Designed for a long life of reliable operation, the Hunter Pro-Spray® has been manufactured with the precision required to ensure peak performance for years to come. This solid performer boasts heavy-duty ABS construction, including an extra-thick body and cap previously unheard of in a Hunter spray. Exclusive body ribs make the Pro-Spray easier to install, adjust and service while also

providing more stability for the sprinkler in loose soils. But brawn isn't all this product offers. The Pro-Spray also features a user-friendly "pull-up" flush cap that helps keep debris to a minimum and a multi-function wiper seal that eliminates flow-by. Add in the Pro-Spray's compatibility with all industry standard female nozzles – as well as Hunter's own complete line-up of adjustable, fixed and specialty nozzles – and you have the industry's most sophisticated spray sprinkler. A spray designed with the professional in mind.





Micro-Spray: A Pop-up Within a Pop-up

The unique pop-up design of the Hunter Micro-Spray Nozzle, coupled with the fact that it attaches directly to a pop-up sprinkler, makes this alternative to drip a winner. When not in use, both the nozzle and the spray head body retract, so nothing sticks up above the surface. And when it's in operation, the pop-up nozzle gives nearly an extra inch of clearance over plants and shrubs.

PCN: Pop-up Spray Sprinkler Bubbler Nozzle

With our pressure compensating nozzle (PCN), there is now a solution for deep watering needs that provides all the benefits of drip irrigation, with none of the hassles...plus, the decided advantage of sitting atop a riser that retracts into the ground when not in use. More appealing to look at, less likely to be tampered with – in short, a product that specifiers will love. Providing innovative watering solutions for narrow turf areas, plants and slopes.



The Hunter Seal of Approval

Manufactured from the highest grade UV resistant materials, the Pro-Spray's pressure activated, multi-function wiper seal is designed for long life under the toughest conditions. A zero flush seal ensures dependable operation



without excessive “flow-by,” allowing more sprinkler heads to be installed on the same zone. A unique pressure activated design grips the riser when operating and keeps debris from entering the seal when retracted. And, additional riser seal support helps to ensure strength and reliable performance. Plus, each seal can be field-replaced without having to replace the body cap. Now that's a seal you'll approve of.

FEATURES & BENEFITS



Heavy-duty body and cap construction

Multi-thread buttress design withstands the harshest environments

Pressure activated, multi-function, no flow-by wiper seal

Easy to remove and clean; treated with UV inhibitors to ensure long life

Compatible with all female threaded nozzles

Accepts adjustable, fixed and specialty nozzles from Hunter and all major brands

Optional factory-installed drain check valve for up to 2.1 m elevation change

Eliminates landscape damage from flooding and erosion

Ratcheting riser for quick arc alignment

Make adjustments while sprinkler is operating

Heavy-duty spring

For positive retraction under any condition

Innovative flush plug design

Allows limited flow permitting controlled directional flushing

½" standard side inlet on 6" and 12" models

Installation convenience for deep seated bodies

The "Pull-Ring" Flush Cap:

Extra Performance Engineered from the Top Down

The innovative design of the Hunter Pro-Spray® flush cap – with its convenient pull ring that allows for easy pull up of the riser – makes installation quicker and easier. Not to mention, cleaner. During flushing operations the flush plug is designed for positive riser pop-up, as water pressure opens the flap to permit controlled directional flushing that cleans the system. The plug then closes and, while in the retracted position, the spring loaded, self-sealing mechanism prevents debris from entering the riser. The result: no more nozzle plugging and debris-related callback problems.



Performance Charts – Adjustable-Arc and Fixed-Arc Nozzles

Adjustable Arc Nozzles Performance Data – Metric																											
		2.1 Meter Radius (7 ft.) Adjustable from 25° to 360° Trajectory: 0° Color Code: Brown					3.0 Meter Radius (10 ft.) Adjustable from 25° to 360° Trajectory: 15° Color Code: Red					3.7 Meter Radius (12 ft.) Adjustable from 25° to 360° Trajectory: 28° Color Code: Green					4.6 Meter Radius (15 ft.) Adjustable from 25° to 360° Trajectory: 28° Color Code: Black					5.2 Meter Radius (17 ft.) Adjustable from 25° to 360° Trajectory: 28° Color Code: Gray					
		Nozzle 7A					Nozzle 10A					Nozzle 12A					Nozzle 15A					Nozzle 17A					
Arc	Pressure	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip		
	Bars kPa	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr		
45°	1.4	137	1.8	0.04	0.6	92	107	2.7	0.08	1.3	41	47	3.4	0.12	2.0	43	50	4.3	0.18	2.9	38	44	4.9	0.22	3.7	37	43
	1.7	172	2.1	0.04	0.7	76	88	3.0	0.04	0.7	37	43	3.7	0.06	1.1	38	44	4.6	0.10	1.7	38	44	5.2	0.13	2.1	38	44
	2.1	206	2.1	0.06	0.9	96	111	3.0	0.06	0.9	47	54	3.7	0.08	1.4	49	56	4.6	0.11	1.8	40	46	5.5	0.14	2.3	41	47
	2.4	241	2.4	0.06	1.0	79	92	3.4	0.06	1.0	42	49	4.0	0.09	1.4	44	51	4.9	0.12	2.0	40	46	5.5	0.14	2.4	38	44
90°	1.4	137	1.8	0.08	1.3	92	107	2.7	0.08	1.3	41	47	3.4	0.12	2.0	43	49	4.3	0.18	2.9	38	44	4.9	0.22	3.7	37	43
	1.7	172	2.1	0.09	1.5	78	90	3.0	0.09	1.5	38	44	3.7	0.13	2.1	38	44	4.6	0.20	3.3	38	44	5.2	0.26	4.3	38	44
	2.1	206	2.1	0.11	1.9	98	113	3.0	0.11	1.9	48	55	3.7	0.16	2.7	48	56	4.6	0.21	3.5	40	47	5.5	0.27	4.6	41	47
	2.4	241	2.4	0.12	1.9	78	90	3.4	0.12	1.9	41	48	4.0	0.17	2.9	44	51	4.9	0.24	3.9	39	45	5.5	0.29	4.8	38	44
120°	1.4	137	1.8	0.10	1.7	92	106	2.7	0.10	1.7	41	47	3.4	0.16	2.7	43	50	4.3	0.23	3.9	38	45	4.9	0.29	4.9	37	43
	1.7	172	2.1	0.12	2.0	78	90	3.0	0.12	2.0	38	44	3.7	0.17	2.8	38	44	4.6	0.27	4.4	38	44	5.2	0.34	5.7	38	44
	2.1	206	2.1	0.15	2.5	97	112	3.0	0.15	2.5	48	55	3.7	0.22	3.6	48	56	4.6	0.28	4.7	40	47	5.5	0.36	6.1	41	47
	2.4	241	2.4	0.15	2.6	78	90	3.4	0.15	2.6	41	48	4.0	0.23	3.8	44	51	4.9	0.31	5.2	39	45	5.5	0.38	6.3	38	44
180°	1.4	137	1.8	0.16	2.6	92	107	2.7	0.16	2.6	41	47	3.4	0.24	4.1	43	50	4.3	0.35	5.9	38	44	4.9	0.44	7.3	37	43
	1.7	172	2.1	0.18	3.0	78	90	3.0	0.18	3.0	38	44	3.7	0.26	4.3	38	44	4.6	0.40	6.6	38	44	5.2	0.51	8.5	38	44
	2.1	206	2.1	0.22	3.7	97	112	3.0	0.22	3.7	47	55	3.7	0.33	5.4	48	56	4.6	0.42	7.0	40	47	5.5	0.55	9.1	41	47
	2.4	241	2.4	0.23	3.9	78	90	3.4	0.23	3.9	41	48	4.0	0.35	5.8	44	51	4.9	0.47	7.8	39	45	5.5	0.57	9.5	38	44
240°	1.4	137	1.8	0.21	3.4	93	107	2.7	0.21	3.4	41	48	3.4	0.32	5.4	43	50	4.3	0.47	7.8	39	45	4.9	0.59	9.7	37	43
	1.7	172	2.1	0.23	3.9	78	90	3.0	0.23	3.9	38	44	3.7	0.34	5.7	38	44	4.6	0.53	8.8	38	44	5.2	0.68	11.3	38	44
	2.1	206	2.1	0.29	4.9	97	112	3.0	0.29	4.9	48	55	3.7	0.43	7.2	48	56	4.6	0.56	9.3	40	47	5.5	0.73	12.1	41	47
	2.4	241	2.4	0.31	5.1	78	90	3.4	0.31	5.1	41	48	4.0	0.46	7.7	44	51	4.9	0.63	10.4	39	45	5.5	0.76	12.7	38	44
270°	1.4	137	1.8	0.33	5.6	88	102	2.7	0.33	5.6	50	57	4.3	0.38	6.4	42	48	5.2	0.52	8.6	38	44	5.8	0.63	10.5	37	43
	1.7	172	1.8	0.23	3.8	92	107	2.7	0.23	3.8	41	47	3.4	0.36	6.1	43	50	4.3	0.53	8.8	38	44	4.9	0.66	11.0	37	43
	2.1	206	2.1	0.26	4.4	78	90	3.0	0.26	4.4	38	44	3.7	0.38	6.4	38	44	4.6	0.60	9.9	38	44	5.2	0.77	12.8	38	44
	2.4	241	2.4	0.33	5.6	97	112	3.0	0.33	5.6	48	55	3.7	0.49	8.1	48	56	4.6	0.63	10.5	40	47	5.5	0.82	13.7	41	47
360°	1.4	137	1.8	0.35	5.8	78	90	3.4	0.35	5.8	41	48	4.0	0.52	8.6	44	51	4.9	0.71	11.7	39	45	5.5	0.86	14.3	38	44
	1.7	172	2.1	0.35	5.9	78	90	3.0	0.35	5.9	38	44	3.7	0.51	8.5	37	43	4.6	0.80	13.2	38	44	5.2	1.02	17.0	38	44
	2.1	206	2.1	0.44	7.4	97	112	3.0	0.44	7.4	48	55	3.7	0.65	10.8	48	56	4.6	0.84	14.0	40	47	5.5	1.09	18.2	41	47
	2.4	241	2.4	0.46	7.7	78	90	3.4	0.46	7.7	41	48	4.0	0.69	11.5	44	51	4.9	0.94	15.6	39	45	5.5	1.14	19.0	38	44
2.8	275	2.7	0.66	11.1	88	102	3.7	0.66	11.1	50	57	4.3	0.76	12.7	42	48	5.2	1.03	17.2	38	44	5.8	1.25	20.9	37	43	

Note: The Institutional Spray's built-in pressure regulation controls output to a maximum of 2.1 Bars (206 kPa). All precipitation rates are calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

Fixed Pattern Nozzles Performance Data – Metric																												
		2.1 Meter Radius (7 ft.) Fixed (Quarter, Half, Full) Trajectory: 0° Color Code: Brown					3.0 Meter Radius (10 ft.) Fixed (Quarter, Half, Full) Trajectory: 15° Color Code: Red					3.7 Meter Radius (12 ft.) Fixed (Quarter, Half, Full) Trajectory: 28° Color Code: Green					4.6 Meter Radius (15 ft.) Fixed (Quarter, Half, Full) Trajectory: 28° Color Code: Black					5.2 Meter Radius (17 ft.) Fixed (Quarter) Trajectory: 28° Color Code: Gray						
		Nozzle 7					Nozzle 10					Nozzle 12					Nozzle 15					Nozzle 17						
Arc	Pattern	Pressure	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip	Radius	Flow	Flow	Precip		
		Bars kPa	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr	m	m ² /hr	l/min	mm/hr		
90°	Q	1.4	137	1.8	0.04	0.6	46	53	2.7	0.08	1.3	10	12	3.4	0.12	2.0	43	49	4.3	0.18	2.9	38	44	4.9	0.22	3.7	37	43
		1.7	172	2.1	0.04	0.7	38	44	3.0	0.09	1.5	38	44	3.7	0.13	2.1	38	44	4.6	0.20	3.3	38	44	5.2	0.26	4.3	38	44
		2.1	206	2.1	0.06	0.9	48	55	3.0	0.11	1.9	48	55	3.7	0.16	2.7	48	56	4.6	0.21	3.5	40	47	5.5	0.27	4.6	41	47
		2.4	241	2.4	0.06	1.0	50	58	3.4	0.12	1.9	41	48	4.0	0.17	2.9	44	51	4.9	0.24	3.9	39	45	5.5	0.29	4.8	38	44
180°	H	1.4	137	1.8	0.08	1.3	46	53	2.7	0.16	2.6	41	47	3.4	0.24	4.1	43	50	4.3	0.35	5.9	38	44					
		1.7	172	2.1	0.09	1.5	38	44	3.0	0.18	3.0	38	44	3.7	0.26	4.3	38	44	4.6	0.40	6.6	38	44					
		2.1	206	2.1	0.11	1.8	48	55	3.0	0.22	3.7	47	55	3.7	0.33	5.4	48	56	4.6	0.42	7.0	40	47					
		2.4	241	2.4	0.12	1.9	38	44	3.4	0.23	3.9	41	48	4.0	0.35	5.8	44	51	4.9	0.47	7.8	39	45					
360°	F	1.4	137	1.8	0.15	2.5	45	53	2.7	0.31	5.1	41	47	3.4	0.48	8.1	43	50	4.3	0.70	11.7	38	44					
		1.7	172	2.1	0.17	5.9	38	44	3.0	0.35	5.9	38	44	3.7	0.51	8.5	38	44	4.6	0.80	13.2	38	44					
		2.1	206	2.1	0.22	3.6	47	55	3.0	0.44	7.4	48	55	3.7	0.65	10.8	48	56	4.6	0.84	14.0	40	47					
		2.4	241	2.4	0.23	3.8	38	44	3.4	0.46	7.7	41	48	4.0	0.69	11.5	44	51	4.9	0.94	15.6	39	45					
2.8	275	2.7	0.32	5.4	43	50	3.7	0.66	11.1	50	57	4.3	0.76	12.7	42	48	5.2	1.03	17.2	38	44							

Note: The Institutional Spray's built-in pressure regulation controls output to a maximum of 2.1 Bars (206 kPa). All precipitation rates are calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

Coming
Soon

Performance Charts – Specialty Nozzles

Short Radius Nozzles Performance Data – Metric

Arc	Pressure		Color Code: Light Brown ●				Color Code: Light Green ●				Color Code: Light Blue ●							
	Bars	kPa	Nozzle	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	Nozzle	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	Nozzle	Radius ft	Flow m ³ /hr	Flow l/min	Precip mm/hr	
90°	1.4	137	2Q	0.6	0.02	0.34	220	254	1.2	0.05	0.76	122	141	1.8	0.11	1.78	128	147
	1.7	172		0.6	0.02	0.38	244	282	1.2	0.05	0.81	134	155	1.8	0.11	1.85	133	154
	2.1	206		0.6	0.02	0.42	269	311	1.2	0.05	0.83	134	155	1.8	0.12	1.93	139	160
	2.4	241		0.6	0.03	0.45	293	339	1.2	0.05	0.91	147	169	1.8	0.12	1.97	141	163
	2.8	275		0.6	0.03	0.53	342	395	1.2	0.05	0.91	147	169	1.8	0.12	1.97	141	163
180°	1.4	137	2H	0.6	0.03	0.45	147	169	1.2	0.09	1.55	125	145	1.8	0.22	3.60	129	149
	1.7	172		0.6	0.03	0.53	171	198	1.2	0.10	1.63	131	152	1.8	0.22	3.67	132	152
	2.1	206		0.6	0.04	0.61	196	226	1.2	0.10	1.67	134	155	1.8	0.22	3.71	133	154
	2.4	241		0.6	0.04	0.68	220	254	1.2	0.10	1.74	141	162	1.8	0.22	3.75	134	155
	2.8	275		0.6	0.04	0.68	220	254	1.2	0.10	1.74	141	162	1.8	0.23	3.79	136	157

Strip Pattern Nozzle Performance Data – Metric

Nozzle Model	Pressure		Width x Length	Flow		Precip mm/hr
	Bars	kPa		m ³ /hr	l/min	
LCS-515 Left-Corner Strip	1.4	137	1.2 m x 4.3 m	0.12	2.1	24
	1.7	172	1.5 m x 4.6 m	0.14	2.3	20
	2.1	206	1.5 m x 4.6 m	0.15	2.5	21
	2.4	241	1.5 m x 4.6 m	0.16	2.6	23
RCS-515 Right-Corner Strip	1.4	137	1.2 m x 4.3 m	0.12	2.1	24
	1.7	172	1.5 m x 4.6 m	0.14	2.3	20
	2.1	206	1.5 m x 4.6 m	0.15	2.5	21
	2.4	241	1.5 m x 4.6 m	0.16	2.6	23
SS-530 Side Strip	1.4	137	1.2 m x 8.5 m	0.25	4.2	24
	1.7	172	1.5 m x 9.1 m	0.27	4.5	20
	2.1	206	1.5 m x 9.1 m	0.30	4.9	21
	2.4	241	1.5 m x 9.1 m	0.32	5.3	23

Micro-Spray Nozzles Performance Data – Metric

Arc	Pressure		Nozzle	Radius m	Flow		Precip mm/hr	
	Bars	kPa			m ³ /hr	l/min	■	▲
90°	1.7	172	MS-Q	1.5	0.03	0.45	47	54
	2.8	275		1.5	0.03	0.53	55	63
	4.1	413		1.5	0.03	0.53	55	63
180°	1.7	172	MS-H	1.5	0.06	0.95	49	56
	2.8	275		1.5	0.06	1.06	55	63
	4.1	413		1.5	0.07	1.10	57	65
360°	1.7	172	MS-F	1.5	0.11	1.89	49	56
	2.8	275		1.5	0.13	2.12	55	63
	4.1	413		1.5	0.13	2.20	57	65

Note: All precipitation rates are calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

PCN Nozzle & PCB Performance Data – Metric

Model	Pressure		Flow	
	Bars	kPa	m ³ /hr	l/min
25	1.7	172	0.06	0.9
50	1.7	172	0.11	1.9
10	1.7	172	0.23	3.8
20	1.7	172	0.45	7.6

Model S-16A Stream Spray Nozzle Performance Data – Metric

Adjustable from 25° to 360°
Color Code: Blue ●

Arc	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m ³ /hr	l/min	■	▲
90°	1.4	138	4.6	0.09	1.5	17	20
	1.7	172	4.9	0.10	1.7	18	20
	2.1	207	4.9	0.11	1.9	19	22
	2.4	241	5.2	0.12	2.0	18	21
	2.8	276	5.5	0.13	2.2	17	20
180°	1.4	138	4.6	0.15	2.5	15	17
	1.7	172	4.9	0.18	3.0	15	18
	2.1	207	4.9	0.20	3.3	17	19
	2.4	241	5.2	0.21	3.7	16	19
	2.8	276	5.5	0.24	3.9	16	18
360°	1.4	138	4.6	0.27	4.5	13	15
	1.7	172	4.9	0.33	5.5	14	16
	2.1	207	4.9	0.38	6.3	16	18
	2.4	241	5.2	0.41	6.9	15	18
	2.8	276	5.5	0.45	7.5	15	17



Models

- PROS-00 – Shrub
- PROS-04 – 10 cm Pop-up
- PROS-06 – 15 cm Pop-up
- PROS-12 – 30 cm Pop-up

Dimensions

- Overall height:
 - PROS-04 – 15.5 cm
 - PROS-06 – 22.5 cm
 - PROS-12 – 41 cm
- 1/2" female inlet
- Exposed diameter: 5.7 cm

Operating Specifications

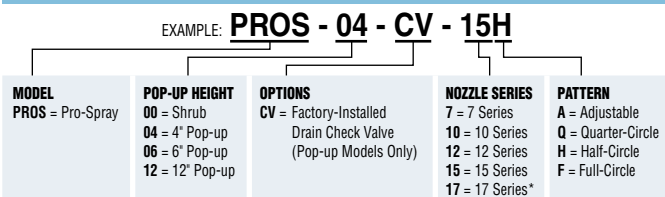
- Pressure range: 1.0 to 4.8 bars; 103 to 482 kPa
- Flow-by: 0 at 68 kPa (0.7 bars) or greater; 0.02 m³/hr (0.4 l/min) otherwise
- Precipitation rates: approximately 38 mm per hour

Options Available

- Optional factory-installed drain check valve for up to 7' (2.1 m) elevation change; "Check Valve" stamped on cap for easy ID

- Optional field-installed black rubber cover (Part number 469805)
- Optional field-installed reclaimed water identification snap-on cover (Part number 469800)
- Optional field-installed reclaimed water identification body cap (Part number 458520), with "Check Valve" stamped on cap for easy ID (Part number 458525)

SPECIFICATION GUIDE



Note: Bodies and nozzles sold separately. Also compatible with Hunter's bubbler and specialty nozzles.
* 17 Series available in Adjustable and Quarter-Circle patterns only.

