

Hunter®

Pro-Spray

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



At last, Hunter has created a spray sprinkler rugged enough to stand up to the needs of a professional contractor. Designed for a long life of reliable operation, the new 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 new 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.



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 7 feet 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 conditions
- Innovative pop-top flush plug design**
 - Allows limited flow permitting controlled directional flushing
- 1/2" standard side inlet on 6" and 12" models**
 - Installation convenience for deep seated bodies

The “Pop-Top” Flush Cap:

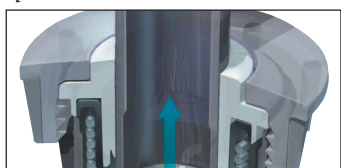
Extra Performance Engineered from the Top Down.

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.















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, an 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.



Performance Charts – Adjustable-Arc and Fixed-Arc Nozzles

Spray Nozzles		Model 7 ft. fixed			Model 7 ft. adj.			Model 10 ft.			Model 12 ft.			Model 15 ft.			Model 17 ft.		
		Fixed Arc (Q,H,F) Trajectory: 0°			Adjustable (25° - 360°) Trajectory: 0°			Adjustable (25° - 360°) or fixed arc (Q,H,F) Trajectory: 15°			Adjustable (25° - 360°) or fixed arc (Q,H,F) Trajectory: 28°			Adjustable (25° - 360°) or fixed arc (Q,H,F) Trajectory: 28°			Adjustable (25° - 360°) or fixed arc (Q) Trajectory: 28°		
		Brown 			Brown 			Red 			Green 			Black 			Gray 		
		Radius			Radius			Radius			Radius			Radius			Radius		
Arc	PSI	Model	ft.	GPM	Model	ft.	GPM	Model	ft.	GPM	Model	ft.	GPM	Model	ft.	GPM	Model	ft.	GPM
45° 	20	7A	6'	0.17	7A	6'	0.17	10A	9'	0.17	12A	11'	0.27	15A	14'	0.39	17A	16'	0.48
	25		7'	0.19		10'	0.19		12'	0.28		15'	0.44		17'	0.56			
	30		7'	0.24		10'	0.24		12'	0.36		15'	0.46		17'	0.60			
	35		8'	0.26		11'	0.26		13'	0.38		16'	0.52		18'	0.63			
	40		9'	0.37		12'	0.37		14'	0.42		17'	0.57		19'	0.69			
90° 	20	7A	6'	0.34	7A	6'	0.34	10A or 10Q	9'	0.34	12A or 12Q	11'	0.53	15A or 15Q	14'	0.77	17A or 17Q	16'	0.97
	25		7'	0.39		10'	0.39		12'	0.56		15'	0.88		17'	1.13			
	30		7'	0.49		10'	0.49		12'	0.71		15'	0.93		17'	1.20			
	35		8'	0.51		11'	0.51		13'	0.76		16'	1.03		18'	1.25			
	40		9'	0.73		12'	0.73		14'	0.84		17'	1.13		19'	1.38			
120° 	20	7A	6'	0.45	7A	6'	0.45	10A	9'	0.45	12A	11'	0.71	15A	14'	1.03	17A	16'	1.29
	25		7'	0.52		10'	0.52		12'	0.75		15'	1.17		17'	1.50			
	30		7'	0.65		10'	0.65		12'	0.95		15'	1.24		17'	1.61			
	35		8'	0.68		11'	0.68		13'	1.02		16'	1.37		18'	1.67			
	40		9'	0.97		12'	0.97		14'	1.12		17'	1.51		19'	1.84			
180° 	20	7H	6'	0.34	7A	6'	0.68	10A or 10H	9'	0.68	12A or 12H	11'	1.07	15A or 15H	14'	1.54	17A	16'	1.94
	25		7'	0.38		10'	0.78		12'	1.12		15'	1.75		17'	2.25			
	30		7'	0.48		10'	0.97		12'	1.42		15'	1.86		17'	2.41			
	35		8'	0.50		11'	1.02		13'	1.52		16'	2.06		18'	2.50			
	40		9'	0.72		12'	1.46		14'	1.68		17'	2.27		19'	2.75			
240° 	20	7A	6'	0.91	7A	6'	0.91	10A	9'	0.91	12A	11'	1.42	15A	14'	2.06	17A	16'	2.58
	25		7'	1.04		10'	1.04		12'	1.50		15'	2.34		17'	3.00			
	30		7'	1.30		10'	1.30		12'	1.90		15'	2.48		17'	3.21			
	35		8'	1.36		11'	1.36		13'	2.03		16'	2.75		18'	3.34			
	40		9'	1.95		12'	1.95		14'	2.24		17'	3.02		19'	3.67			
270° 	20	7A	6'	1.02	7A	6'	1.02	10A	9'	1.02	12A	11'	1.60	15A	14'	2.31	17A	16'	2.90
	25		7'	1.17		10'	1.17		12'	1.68		15'	2.63		17'	3.38			
	30		7'	1.46		10'	1.46		12'	2.14		15'	2.79		17'	3.61			
	35		8'	1.53		11'	1.53		13'	2.29		16'	3.09		18'	3.76			
	40		9'	2.19		12'	2.19		14'	2.51		17'	3.40		19'	4.13			
360° 	20	7F	6'	0.67	7A	6'	1.36	10A or 10F	10'	1.36	12A or 12F	11'	2.13	15A or 15F	14'	3.08	17A	16'	3.87
	25		7'	0.76		10'	1.56		12'	2.24		15'	3.50		17'	4.50			
	30		7'	0.95		7'	1.95		10'	1.95		12'	2.85		15'	3.71		17'	4.82
	35		8'	1.00		8'	2.04		11'	2.04		13'	3.05		16'	4.12		18'	5.01
	40		9'	1.43		9'	2.92		12'	2.92		14'	3.35		17'	4.54		19'	5.51
		Radius			Radius			Radius			Radius			Radius			Radius		
		Model			Model			Model			Model			Model			Model		
		ft.			ft.			ft.			ft.			ft.			ft.		
		GPM			GPM			GPM			GPM			GPM			GPM		



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.

PCN Bubbler Nozzles (flood pattern)

Model	Pressure PSI	Flow GPM
25	25	0.25
50	25	0.50
10	25	1.0
20	25	2.0



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.

Models

PROS-04 – 4" Pop-up (10 cm)
PROS-06 – 6" Pop-up (15 cm)
PROS-12 – 12" Pop-up (30 cm)

Dimensions

- Overall height:
PROS-04 – 5 7/8" (15.5 cm)
PROS-06 – 8 3/4" (22.5 cm)
PROS-12 – 16 1/8" (41 cm)
- 1/2" female inlet NPT
- Exposed diameter: 2 1/4" (5.7 cm)

Operating Specifications

- Pressure range: 15 to 70 psi (1.0 to 4.8 bars; 103 to 482 kPa)

- Flow-by: 0 at 10 psi (.07 bars; 68 kPa) or greater; .1 gpm (0.02 m³/hr; 0.4 l/min) otherwise
- Precipitation rates: approximately 1.5" (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 reclaimed water identification cap (Part number 469800)

Performance Charts – Specialty Nozzles

Strip Pattern Nozzles				
Nozzle Model	Color Code: Blue			
	PSI	GPM	Width (ft.) x Length (ft.)	
LCS-515 Left-Corner Strip	20	0.55	4' x 14'	
	25	0.60	5' x 15'	
	30	0.65	5' x 15'	
	35	0.70	5' x 15'	
RCS-515 Right-Corner Strip	40	0.75	5' x 15'	
	20	0.55	4' x 14'	
	25	0.60	5' x 15'	
	30	0.65	5' x 15'	
SS-530 Side-Strip	35	0.70	5' x 15'	
	40	0.75	5' x 15'	
	20	1.10	4' x 28'	
	25	1.20	5' x 30'	
	30	1.30	5' x 30'	
	35	1.40	5' x 30'	
	40	1.50	5' x 30'	

Model ST-16A Stream Spray Nozzles				
Nozzle	Color Code: Blue			
	Adj. from 25° - 360°	PSI	Radius (ft.)	Flow (GPM)
90°		20	15'	.40
		25	16'	.46
		30	16'	.50
		35	17'	.54
180°		40	18'	.57
		20	15'	.67
		25	16'	.80
		30	16'	.88
360°		35	17'	.97
		40	18'	1.04
		20	15'	1.19
		25	16'	1.46
		30	16'	1.66
		35	17'	1.82
		40	18'	1.99

Short Radius Nozzles									
Arc		PSI	Radius	GPM		PSI	Radius	GPM	
90°	2Q	20	2'	.09	4Q	20	4'	.20	6Q
		25	2'	.10		25	4'	.22	
		30	2'	.11		30	4'	.22	
		35	2'	.12		35	4'	.24	
180°	2H	40	2'	.14	4H	40	4'	.24	6H
		20	2'	.12		20	4'	.41	
		25	2'	.14		25	4'	.43	
		30	2'	.16		30	4'	.44	
		35	2'	.18		35	4'	.46	
		40	2'	.18		40	4'	.46	

Micro-Spray Nozzles											
MS-Q (Quarter Circle – 90°)				MS-H (Half Circle – 180°)				MS-F (Full Circle – 360°)			
	PSI	Radius	GPM		PSI	Radius	GPM		PSI	Radius	GPM
 90°	25	5'	0.12	 180°	25	5'	0.25	 360°	25	5'	0.50
	40	5'	0.14		40	5'	0.28		40	5'	0.56
	60	5'	0.14		60	5'	0.29		60	5'	0.58

PRODUCT EXPLANATION

EXAMPLE: PROS - 04-CV-15H				
MODEL	POP-UP HEIGHT	OPTIONS	NOZZLE SERIES	PATTERN
PROS = Pro-Spray	04 = 4" Pop-up 06 = 6" Pop-up 12 = 12" Pop-up	CV = Factory Installed Drain Check Valve	15 Series	Half Circle