

Hunter®

Finally, a pop-up spray head designed to meet the rigorous needs of the golf course irrigation market. Exceptional strength, innovative features and, best of all, a super-duty retraction spring that ensures positive pop-down even in 100% sand conditions. Features like a positive-seal flush cap with an innovative pull-up design that keeps debris out. A high quality, multi-functional and pressure-activated wiper seal. True pressure regulation under a wide range of environmental and pressure conditions to reduce water waste. An in-stem regulator that acts as a flow control device if the nozzle is removed. And, a heavy-duty check valve assembly that eliminates the potential liability issues of low head drainage. Sounds like a lot in a spray head? How about one more great feature—a full 5-year warranty! Hunter's Golf Spray Head. For tees, bunker walls, surrounds, or wherever the need calls for the toughest spray head on the market.



Golf Spray Heads



Features & Benefits

- Super-duty retraction spring for positive pop-down of riser under any conditions, including bunker walls and tees
- In-stem pressure regulation built-in for maximum nozzle efficiency regardless of inlet pressure
- Heavy-duty body and cap construction with multi-thread buttress design withstands the harshest environments
- Pressure activated, multi-function, no flow-by wiper seal is 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
- Factory-installed drain check valve for up to 25 feet elevation change eliminates landscape damage from flooding and erosion
- Ratcheting riser for quick arc alignment lets adjustments be made while sprinkler is operating
- Innovative “pull-ring” flush plug design allows limited flow permitting controlled directional flushing

Golf Spray Heads



Model Specifications

GINST-06 – 6" Pop-up (15 cm)

Dimensions

- Overall height: 8¾" (22.5 cm)
- Inlet: ½" female NPT
- Exposed diameter: 2¼" (5.7 cm)

Operating Specifications

- Recommended pressure range: 15 to 100 PSI (1.0 to 6.9 bars; 103 to 689 kPa)
- Flow-by: 0 at 10 PSI (.7 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

- Field-installed black rubber cover (part # 469805)
- Field-installed reclaimed water identification snap-on cover (part # 469800)
- Field-installed reclaimed water identification body cap (part # 458530), with "Check Valve" stamped on top for easy ID (part # 458535)
- Field-installed vandal-proof cap (part # INST-VPC)

Pro-Spray® Fixed Pattern Nozzles Performance Data																										
		8 Foot Radius Fixed (Quarter, Half, Full) Nozzle Trajectory: 0° Color Code: Brown ● 8					10 Foot Radius Fixed (Quarter, Half, Full) Nozzle Trajectory: 15° Color Code: Red ● 10					12 Foot Radius Fixed (Quarter, Half, Full) Nozzle Trajectory: 28° Color Code: Green ● 12					15 Foot Radius Fixed (Quarter, Half, Full) Nozzle Trajectory: 28° Color Code: Black ● 15					17 Foot Radius Fixed (Quarter, Half, Full) Nozzle Trajectory: 28° Color Code: Gray ○ 17				
Arc	Pressure PSI	Pattern	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr									
90°	20	Q	7'	0.17	1.34	1.54	9'	0.30	1.43	1.65	11'	0.50	1.59	1.84	14'	0.77	1.51	1.75								
	25		8'	0.19	1.14	1.32	10'	0.33	1.27	1.47	12'	0.55	1.47	1.70	15'	0.86	1.47	1.70								
	30		8'	0.24	1.44	1.67	10'	0.39	1.50	1.73	12'	0.63	1.68	1.95	15'	0.93	1.59	1.84								
180°	20	H	7'	0.34	1.34	1.54	9'	0.60	1.43	1.65	11'	1.00	1.59	1.84	14'	1.54	1.51	1.75								
	25		8'	0.38	1.14	1.32	10'	0.66	1.27	1.47	12'	1.10	1.47	1.70	15'	1.72	1.47	1.70								
	30		8'	0.48	1.44	1.67	10'	0.82	1.58	1.82	12'	1.31	1.75	2.02	15'	1.86	1.59	1.84								
360°	20	F	7'	0.68	1.34	1.54	9'	1.20	1.43	1.65	11'	2.00	1.59	1.84	14'	3.08	1.51	1.75								
	25		8'	0.76	1.14	1.32	10'	1.32	1.27	1.47	12'	2.20	1.47	1.70	15'	3.44	1.47	1.70								
	30		8'	0.95	1.43	1.65	10'	1.62	1.56	1.80	12'	2.65	1.77	2.05	15'	3.72	1.59	1.84								

Note: The Golf Spray Head's built-in pressure regulation controls output to a maximum of 30 PSI. All precipitation rates calculated for 360 degree operation.

Adjustable Arc Nozzles Performance Data																										
		8 Foot Radius Adjustable from 25° to 360° Nozzle Trajectory: 0° Color Code: Brown ● 8A					10 Foot Radius Adjustable from 25° to 360° Nozzle Trajectory: 15° Color Code: Red ● 10A					12 Foot Radius Adjustable from 25° to 360° Nozzle Trajectory: 28° Color Code: Green ● 12A					15 Foot Radius Adjustable from 25° to 360° Nozzle Trajectory: 28° Color Code: Black ● 15A					17 Foot Radius Adjustable from 25° to 360° Nozzle Trajectory: 28° Color Code: Gray ○ 17A				
Arc	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr	Radius ft.	Flow GPM	Precip in/hr										
45°	20	7'	0.17	2.67	3.08	9'	0.17	1.62	1.87	11'	0.25	1.59	1.84	14'	0.39	1.51	1.75									
	25	8'	0.20	2.35	2.71	10'	0.20	1.50	1.73	12'	0.28	1.47	1.70	15'	0.43	1.47	1.70									
	30	8'	0.25	2.95	3.40	10'	0.25	1.89	2.18	12'	0.32	1.68	1.95	15'	0.47	1.59	1.84									
90°	20	7'	0.34	2.67	3.08	9'	0.34	1.62	1.87	11'	0.50	1.59	1.84	14'	0.77	1.51	1.75									
	25	8'	0.39	2.35	2.71	10'	0.39	1.50	1.73	12'	0.55	1.47	1.70	15'	0.86	1.47	1.70									
	30	8'	0.49	2.95	3.40	10'	0.49	1.89	2.18	12'	0.63	1.68	1.95	15'	0.93	1.59	1.84									
120°	20	7'	0.45	2.67	3.08	9'	0.45	1.62	1.87	11'	0.67	1.59	1.84	14'	1.03	1.51	1.75									
	25	8'	0.52	2.35	2.71	10'	0.52	1.50	1.73	12'	0.73	1.47	1.70	15'	1.15	1.47	1.70									
	30	8'	0.65	2.95	3.40	10'	0.65	1.89	2.18	12'	0.84	1.68	1.95	15'	1.24	1.59	1.84									
180°	20	7'	0.68	2.67	3.08	9'	0.68	1.62	1.87	11'	1.00	1.59	1.84	14'	1.54	1.51	1.75									
	25	8'	0.78	2.35	2.71	10'	0.78	1.50	1.73	12'	1.10	1.47	1.70	15'	1.72	1.47	1.70									
	30	8'	0.98	2.95	3.40	10'	0.98	1.89	2.18	12'	1.26	1.68	1.95	15'	1.86	1.59	1.84									
240°	20	7'	0.91	2.67	3.08	9'	0.91	1.62	1.87	11'	1.33	1.59	1.84	14'	2.05	1.51	1.75									
	25	8'	1.04	2.35	2.71	10'	1.04	1.50	1.73	12'	1.47	1.47	1.70	15'	2.29	1.47	1.70									
	30	8'	1.31	2.95	3.40	10'	1.31	1.89	2.18	12'	1.68	1.68	1.95	15'	2.48	1.59	1.84									
270°	20	7'	1.02	2.67	3.08	9'	1.02	1.62	1.87	11'	1.50	1.59	1.84	14'	2.31	1.51	1.75									
	25	8'	1.17	2.35	2.71	10'	1.17	1.50	1.73	12'	1.65	1.47	1.70	15'	2.58	1.47	1.70									
	30	8'	1.47	2.95	3.40	10'	1.47	1.89	2.18	12'	1.89	1.68	1.95	15'	2.79	1.59	1.84									
360°	20	7'	1.36	2.67	3.08	9'	1.36	1.62	1.87	11'	2.00	1.59	1.84	14'	3.08	1.51	1.75									
	25	8'	1.56	2.35	2.71	10'	1.56	1.50	1.73	12'	2.20	1.47	1.70	15'	3.44	1.47	1.70									
	30	8'	1.96	2.95	3.40	10'	1.96	1.89	2.18	12'	2.52	1.68	1.95	15'	3.72	1.59	1.84									

Note: The Golf Spray Head's built-in pressure regulation controls output to a maximum of 30 PSI.

SPECIFICATION GUIDE

EXAMPLE: **GINST - 06 - CV - 15H**

MODEL	POP-UP HEIGHT	OPTIONS	NOZZLE SERIES	PATTERN
GINST = Golf Spray Head (Includes Factory-Installed Pressure Regulator)	06 = 6" Pop-up	CV = Factory-Installed Drain Check Valve Standard	8 = 8 Series 10 = 10 Series 12 = 12 Series 15 = 15 Series 17 = 17 Series*	A = Adjustable Q = Quarter-Circle H = Half-Circle F = Full-Circle

Note: Bodies and nozzles sold separately. Also compatible with Hunter's bubbler and specialty nozzles.

* 17 Series available in Adjustable, Quarter, and Half-Circle patterns only.

