

# Hunter®

## *The G900 Golf Rotor*



### *G900 TTS Golf and Large Turf Rotors*



**O**n a golf course that includes hundreds or even thousands of rotors, the last thing the golfer wants to see is the unsightly excavation scars that are a part of typical sprinkler maintenance. That's why Hunter's TTS Premium Golf Rotors make so much sense. With their exclusive Total Top Service capabilities, these rotors can help keep your course looking great like nothing else can.

#### *Total Top Service Capabilities*

The TTS 900 Series rotors are reliable and efficient performers that make easy maintenance a top priority...because unlike traditional golf rotors, every serviceable part can be accessed from the top without disturbing the surrounding turf. Not just the gear drive and inlet valve, but the pilot valve, solenoid, solenoid connections, and pressure regulator as well. And the unique integrated inlet valve offers one-step removal of the valve, valve seat, and rock screen. But, ease of service isn't all these products provide. This complete line-up boasts a wide range of flow and radius capabilities, a unique Check-O-Matic version that converts to support hydraulic installations, and adjustable pressure regulation with internal downstream porting on the electric versions. There's also a choice of full-circle and adjustable part-circle models, each with a complete range of interchangeable, color-coded nozzles to meet your every need.

The original G800 Series and now the new G900 Series offer the perfect combination of performance, reliability, and serviceability.



# G990/G995

The ultimate solution for long-range applications

## MODEL SPECIFICATIONS

**G990** – Full Circle

**G995** – Adjustable Arc (40° to 360°)

## MODEL VARIATIONS

**C – Check-O-Matic** checks up to 25 feet in elevation change and readily converts to Normally Open Hydraulic with through the top connections

**E – Electric Valve-in-Head** with adjustable pressure regulation, on-off-auto selector, 190mA (370mA inrush) solenoid with captive plunger and internal downstream bleed



## DIMENSIONS

- Pop-up height: 3"
- Female inlet: 1½" ACME
- Flange diameter: 7½"
- Overall height: 13¾"

## OPERATING SPECIFICATIONS

### G990

- Discharge rate: 34.4 to 73.9 GPM (7.81 to 16.79 m³/hr, 130.2 to 297.7 l/min)
- Radius: 76' to 98' (23.2 to 29.9 m)
- Pressure range: 80 to 120 PSI (5.5 to 8.3 bars; 551 to 827 kPa)

### G995

- Discharge rate: 35.5 to 75.0 GPM (8.06 to 17.04 m³/hr, 134.4 to 283.9 l/min)
- Radius: 68' to 92' (20.7 to 28.0 m)
- Pressure range: 80 to 120 PSI (5.5 to 8.3 bars; 551 to 827 kPa)

# Performance Data

## G990 Nozzle Performance Data†

Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
				■	▲
33 Gray	80	76	34.4	0.57	0.66
	90	78	36.8	0.58	0.67
	100	80	38.6	0.58	0.67
	110	81	39.6	0.58	0.67
38 Red	80	79	38.4	0.59	0.68
	90	80	40.9	0.62	0.71
	100	82	42.8	0.61	0.71
	110	83	43.9	0.61	0.71
43 Dk. Brown	80	82	43.9	0.63	0.73
	90	83	46.5	0.65	0.75
	100	84	48.5	0.66	0.76
	110	85	49.6	0.66	0.76
48 Dk. Green	80	86	49.6	0.65	0.75
	90	89	52.5	0.64	0.74
	100	90	54.8	0.65	0.75
	110	91	56.0	0.65	0.75
53 Dk. Blue*	80	88	53.5	0.66	0.77
	90	90	57.4	0.68	0.79
	100	92	59.5	0.68	0.78
	110	93	60.7	0.68	0.78
63 Black	80	92	63.2	0.72	0.83
	90	94	65.9	0.72	0.83
	100	96	69.4	0.72	0.84
	110	97	72.0	0.74	0.85
120	98	73.9	0.74	0.86	

## G995 Nozzle Performance Data†

Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
				■	▲
33 Gray	80	68	35.5	0.74	0.85
	90	69	37.7	0.76	0.88
	100	70	39.8	0.78	0.90
	110	71	42.0	0.80	0.93
38 Red	80	72	39.8	0.74	0.85
	90	73	42.3	0.76	0.88
	100	75	44.1	0.76	0.87
	110	76	46.3	0.77	0.89
43 Dk. Brown	80	74	44.5	0.78	0.90
	90	74	47.6	0.84	0.97
	100	75	48.3	0.83	0.95
	110	77	50.1	0.81	0.94
48 Dk. Green	80	77	50.2	0.81	0.94
	90	79	53.3	0.82	0.95
	100	81	56.0	0.82	0.95
	110	82	58.9	0.84	0.97
53 Dk. Blue*	80	81	53.4	0.78	0.90
	90	84	57.0	0.78	0.90
	100	86	59.1	0.77	0.89
	110	87	61.5	0.78	0.90
63 Black	80	86	63.8	0.83	0.96
	90	88	66.5	0.83	0.95
	100	90	69.8	0.83	0.96
	110	91	72.9	0.85	0.98
120	92	75.0	0.85	0.98	

## G990 Nozzle Performance Data – Metric†

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	
						■	▲
33 Gray	5.5	551	23.2	7.81	130.2	14.6	16.8
	6.2	620	23.8	8.36	139.3	14.8	17.1
	6.9	689	24.4	8.77	146.1	14.7	17.0
	7.6	758	24.7	9.00	149.9	14.8	17.0
8.3	827	25.0	9.20	153.3	14.7	17.0	
38 Red	5.5	551	24.1	8.72	145.4	15.0	17.4
	6.2	620	24.4	9.29	154.8	15.6	18.0
	6.9	689	25.0	9.72	162.0	15.6	18.0
	7.6	758	25.3	9.97	166.2	15.6	18.0
8.3	827	25.6	10.22	170.3	15.6	18.0	
43 Dk. Brown	5.5	551	25.0	9.97	166.2	16.0	18.4
	6.2	620	25.3	10.56	176.0	16.5	19.1
	6.9	689	25.6	11.02	183.6	16.8	19.4
	7.6	758	25.9	11.27	187.8	16.8	19.4
8.3	827	26.2	11.63	193.8	16.9	19.5	
48 Dk. Green	5.5	551	26.2	11.27	187.8	16.4	18.9
	6.2	620	27.1	11.93	198.7	16.2	18.7
	6.9	689	27.4	12.45	207.4	16.5	19.1
	7.6	758	27.7	12.72	212.0	16.5	19.1
8.3	827	28.0	13.02	216.9	16.6	19.1	
53 Dk. Blue*	5.5	551	26.8	12.15	202.5	16.9	19.5
	6.2	620	27.4	13.04	217.3	17.3	20.0
	6.9	689	28.0	13.52	225.2	17.2	19.8
	7.6	758	28.3	13.79	229.8	17.2	19.8
8.3	827	28.7	14.11	235.1	17.2	19.8	
63 Black	5.5	551	28.0	14.36	239.2	18.3	21.1
	6.2	620	28.7	14.97	249.5	18.2	21.1
	6.9	689	29.3	15.76	262.7	18.4	21.3
	7.6	758	29.6	16.36	272.5	18.7	21.6
8.3	827	29.9	16.79	279.7	18.8	21.7	

## G995 Nozzle Performance Data – Metric†

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	
						■	▲
33 Gray	5.5	551	20.7	8.06	134.4	18.8	21.7
	6.2	620	21.0	8.56	142.7	19.4	22.4
	6.9	689	21.3	9.04	150.7	19.9	22.9
	7.6	758	21.6	9.54	159.0	20.4	23.5
8.3	827	21.9	9.95	165.8	20.7	23.9	
38 Red	5.5	551	21.9	9.04	150.7	18.8	21.7
	6.2	620	22.3	9.61	160.1	19.4	22.4
	6.9	689	22.9	10.02	167.0	19.2	22.1
	7.6	758	23.2	10.52	175.3	19.6	22.6
8.3	827	23.5	10.93	182.1	19.8	22.9	
43 Dk. Brown	5.5	551	22.6	10.11	168.5	19.9	22.9
	6.2	620	22.6	10.81	180.2	21.3	24.5
	6.9	689	22.9	10.97	182.8	21.0	24.2
	7.6	758	23.5	11.38	189.6	20.7	23.9
8.3	827	23.8	11.81	196.8	20.9	24.1	
48 Dk. Green	5.5	551	23.5	11.40	190.0	20.7	23.9
	6.2	620	24.1	12.11	201.8	20.9	24.1
	6.9	689	24.7	12.72	212.0	20.9	24.1
	7.6	758	25.0	13.38	223.0	21.4	24.7
8.3	827	25.3	13.74	229.0	21.5	24.8	
53 Dk. Blue*	5.5	551	24.7	12.13	202.1	19.9	23.0
	6.2	620	25.6	12.95	215.8	19.7	22.8
	6.9	689	26.2	13.43	223.7	19.5	22.6
	7.6	758	26.5	13.97	232.8	19.9	22.9
8.3	827	26.8	14.52	241.9	20.2	23.3	
63 Black	5.5	551	26.2	14.49	241.5	21.1	24.4
	6.2	620	26.8	15.11	251.7	21.0	24.2
	6.9	689	27.4	15.86	264.2	21.1	24.3
	7.6	758	27.7	16.56	276.0	21.5	24.9
8.3	827	28.0	17.04	283.9	21.7	25.0	

† Preliminary Performance Data

\* Denotes nozzle installed in standard stocking unit (SSU).  
Note: All precipitation rates calculated for 360 degree operation.  
All triangular rates are equilateral.

## SPECIFICATION GUIDE

EXAMPLE: **G995E - 53 - P8 - S**

MODEL	VALVE OPTIONS	NOZZLE	PRESSURE REGULATION	SERIES
G990 = Full Circle G995 = Adjustable Arc	C = Check-O-Matic* E = Electric Valve-in-Head * Converts to N.O. Hydraulic Valve-In-Head	33-63 = G990/G995 SSU = 53	P8 = 80 PSI P1 = 100 PSI P2 = 120 PSI SSU = P8	S = SSU* * Standard Stocking Unit