

# 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.



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# 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
	120	82	40.5	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
	120	84	45.0	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
	120	86	51.2	0.67	0.77
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
	120	92	57.3	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
	120	94	62.1	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
	120	72	43.8	0.81	0.94
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
	120	77	48.1	0.78	0.90
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
	120	78	52.0	0.82	0.95
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
	120	83	60.5	0.85	0.98
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
	120	88	63.9	0.79	0.92
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 kPa	Radius m	Flow l/min	Precip mm/hr	▲
33 Gray	5.5	23.2	7.81	130.2	14.6
	6.2	23.8	8.36	139.3	14.8
	6.9	24.4	8.77	146.1	14.7
	7.6	24.7	9.00	149.9	14.8
	8.3	25.0	9.20	153.3	14.7
38 Red	5.5	24.1	8.72	145.4	15.0
	6.2	24.4	9.29	154.8	15.6
	6.9	25.0	9.72	162.0	15.6
	7.6	25.3	9.97	166.2	15.6
	8.3	25.6	10.22	170.3	15.6
43 Dk. Brown	5.5	25.0	9.97	166.2	16.0
	6.2	25.3	10.56	176.0	16.5
	6.9	25.6	11.02	183.6	16.8
	7.6	25.9	11.27	187.8	16.8
	8.3	26.2	11.63	193.8	16.9
48 Dk. Green	5.5	26.2	11.27	187.8	16.4
	6.2	27.1	11.93	198.7	16.2
	6.9	27.4	12.45	207.4	16.5
	7.6	27.7	12.72	212.0	16.5
	8.3	28.0	13.02	216.9	16.6
53 Dk. Blue*	5.5	26.8	12.15	202.5	16.9
	6.2	27.4	13.04	217.3	17.3
	6.9	28.0	13.52	225.2	17.2
	7.6	28.3	13.79	229.8	17.2
	8.3	28.7	14.11	235.1	17.2
63 Black	5.5	28.0	14.36	239.2	18.3
	6.2	28.7	14.97	249.5	18.2
	6.9	29.3	15.76	262.7	18.4
	7.6	29.6	16.36	272.5	18.7
	8.3	29.9	16.79	279.7	18.8

## G995 Nozzle Performance Data – Metric†

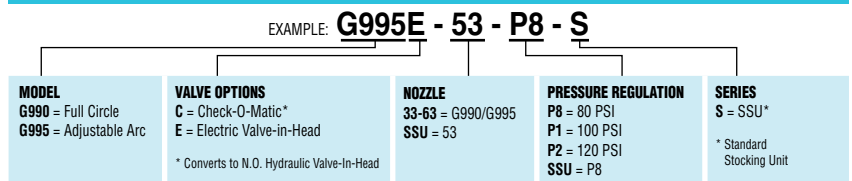
Nozzle	Pressure kPa	Radius m	Flow l/min	Precip mm/hr	▲
33 Gray	5.5	20.7	8.06	134.4	18.8
	6.2	21.0	8.56	142.7	19.4
	6.9	21.3	9.04	150.7	19.9
	7.6	21.6	9.54	159.0	20.4
	8.3	21.9	9.95	165.8	20.7
38 Red	5.5	21.9	9.04	150.7	18.8
	6.2	22.3	9.61	160.1	19.4
	6.9	22.9	10.02	167.0	19.2
	7.6	23.2	10.52	175.3	19.6
	8.3	23.5	10.93	182.1	19.8
43 Dk. Brown	5.5	22.6	10.11	168.5	19.9
	6.2	22.6	10.81	180.2	21.3
	6.9	22.9	10.97	182.8	21.0
	7.6	23.5	11.38	189.6	20.7
	8.3	23.8	11.81	196.8	20.9
48 Dk. Green	5.5	23.5	11.40	190.0	20.7
	6.2	24.1	12.11	201.8	20.9
	6.9	24.7	12.72	212.0	20.9
	7.6	25.0	13.38	223.0	21.4
	8.3	25.3	13.74	229.0	21.5
53 Dk. Blue*	5.5	25.1	12.13	202.1	19.9
	6.2	25.6	12.95	215.8	19.7
	6.9	26.2	13.43	223.7	19.5
	7.6	26.5	13.97	232.8	19.9
	8.3	26.8	14.52	241.9	20.2
63 Black	5.5	26.2	14.49	241.5	21.1
	6.2	26.8	15.11	251.7	21.0
	6.9	27.4	15.86	264.2	21.1
	7.6	27.7	16.56	276.0	21.5
	8.3	28.0	17.04	283.9	21.7

† 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



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