G900 SERIES

Models: **G990 & G995**
Radius: **22.3 to 31.7 m**
Flow: **6.7 to 19.04 m³/hr; 111.7 to 317.2 l/min**

FEATURES

- Models:
  - G990 – Full circle
  - G995 – Adjustable arc (40° - 360°)
- QuickCheck arc mechanism
- Dual trajectory nozzle choices:
  - 8 standard trajectory (22.5°)
  - 8 low angle trajectory (15°)
- Nozzle range: #25 to #73
- Exclusive PressurePort™ nozzle technology
- Contour "Back-Nozzle" capabilities
- Water lubricated gear-drive
- ▸ All TTS advanced features
- ▸ Decoder-In-Head (DIH) capable

OPERATING SPECIFICATIONS

- G990
  - Radius: 22.3 to 31.4 m
  - Flow: 6.93 to 18.92 m³/hr; 115.5 to 315.3 l/min
  - Pressure range: 5.5 to 8.3 bar; 551 to 827 kPa
- G995
  - Radius: 22.9 to 31.7 m
  - Flow: 6.7 to 19.04 m³/hr; 111.7 to 317.2 l/min
  - Pressure range: 5.5 to 8.3 bar; 550 to 830 kPa
- All TTS rotors are pressure rated at 10 bar; 1,000 kPa

OPTIONS

- C – Check-O-Matic checks up to 8 m in elevation change and readily converts to Normally Open Hydraulic with through the top connections
- D – Decoder Valve-In-Head with all "E" specifications below
- DD – Two-station Decoder Valve-In-Head with all "E" specifications below
- E – Electric Valve-In-Head with adjustable pressure regulation, on-off-auto selector, 210mA (370mA inrush) solenoid with captive plunger and internal downstream bleed

▸ = *TTS and DIH Advanced Features detailed on pages 141 and 143*

G990C
Pop-up height: 8 cm
Overall height: 34 cm
Flange diameter: 19 cm
Female Inlet: 1½" ACME

G995E
Pop-up height: 8 cm
Overall height: 34 cm
Flange diameter: 19 cm
Female Inlet: 1½" ACME

G990 & G995 – SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Valve Options	3 Nozzle	4 Regulation*	5 Options
G990 = Full Circle	**C** = Check-O-Matic* **D** = Decoder Valve-In-Head **DD** = Two-station Decoder Valve-In-Head **E** = Electric Valve-In-Head	**25 to 73** = Installed G990 Nozzle*	**P8** = 80 PSI (nozzles 25 to 53) **P1** = 100 PSI (nozzles 53 to 73) **P2** = 120 PSI (nozzle 73)	**S** = SSU*
G995 = Adjustable Arc 40° - 360°	**C** = Check-O-Matic* **D** = Decoder Valve-In-Head **DD** = Two-station Decoder Valve-In-Head **E** = Electric Valve-In-Head ** Converts to N.O. Hydraulic Valve-In-Head*	**25 to 73** = Installed G995 Nozzle* ** SSU = #25 or #53*	**P8** = 80 PSI (nozzles 25 to 53) **P1** = 100 PSI (nozzles 53 to 73) **P2** = 120 PSI (nozzle 73) ** SSU = P8/#25 P8/#53*	**S** = SSU* ** Standard Stocking Unit*

Example:
G990 - E - 53 - P8 - S = G990 full circle electric valve-in-head, installed #53 nozzle, 80 PSI regulation, standard stocking unit model

G990 NOZZLE PERFORMANCE DATA*

Nozzle	Pressure bar	Pressure kPa	Radius** m	Flow m³/hr	Flow l/min	Precip mm/hr ■	Precip mm/hr ▲
25 Lt. Blue	5.5	551	22.3	6.93	115.2	14.0	16.2
	6.2	620	22.9	7.36	122.6	14.1	16.3
	6.9	689	23.2	7.79	129.8	14.5	16.8
	7.6	758	23.8	8.29	138.2	14.7	16.9
	8.3	827	24.1	8.72	145.4	15.0	17.4
33 Grey	5.5	551	23.5	8.25	137.4	15.0	17.3
	6.2	620	23.8	8.72	145.4	15.4	17.8
	6.9	689	24.4	9.22	153.7	15.5	17.9
	7.6	758	24.7	9.70	161.6	15.9	18.4
	8.3	827	25.0	10.20	170.0	16.3	18.9
38 Red	5.5	551	24.4	9.22	153.7	15.5	17.9
	6.2	620	25.0	9.75	162.4	15.6	18.0
	6.9	689	25.3	10.29	171.4	16.1	18.6
	7.6	758	25.9	10.84	180.6	16.1	18.6
	8.3	827	26.2	11.40	190.0	16.6	19.2
43 Dk. Brown	5.5	551	25.3	10.49	174.9	16.4	18.9
	6.2	620	25.6	11.04	184.0	16.8	19.4
	6.9	689	25.9	11.56	192.7	17.2	19.9
	7.6	758	26.2	12.13	202.1	17.7	20.4
	8.3	827	26.5	12.70	211.6	18.1	20.8
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	13.02	216.9	16.9	19.5
	8.3	827	28.0	13.52	225.2	17.2	19.8
53 Dk. Blue	5.5	551	27.1	12.31	205.2	16.7	19.3
	6.2	620	27.4	12.88	214.6	17.1	19.8
	6.9	689	28.0	13.45	224.1	17.1	19.7
	7.6	758	28.3	14.02	233.6	17.4	20.1
	8.3	827	28.7	14.58	243.0	17.8	20.5
63 Black	5.5	551	28.0	14.36	23.92	18.3	21.1
	6.2	620	28.7	14.97	249.5	18.2	21.1
	6.9	689	29.3	15.76	265.7	18.4	21.3
	7.6	758	29.6	16.36	272.5	18.7	21.6
	8.3	827	29.9	17.01	283.5	19.1	22.0
73 Orange	5.5	551	29.3	16.38	272.9	19.1	22.1
	6.2	620	29.9	17.04	283.9	19.1	22.0
	6.9	689	30.2	17.67	297.5	19.4	22.4
	7.6	758	31.1	18.29	304.7	18.9	21.8
	8.3	827	31.4	18.92	315.3	19.2	22.2

G995 NOZZLE PERFORMANCE DATA*

Nozzle	Pressure Bar	Pressure kPa	Radius** m	Flow m³/hr	Flow l/min	Precip mm/hr ■	Precip mm/hr ▲
25 Lt. Blue	5.5	551	22.9	6.70	111.7	12.8	14.8
	6.2	620	23.2	7.16	119.2	13.3	15.4
	6.9	689	23.5	7.54	125.7	13.7	15.8
	7.6	758	23.8	8.09	134.8	14.3	16.5
	8.3	827	24.1	8.52	142.0	14.7	17.0
33 Grey	5.5	551	23.5	8.22	137.0	14.9	17.2
	6.2	620	23.8	8.68	144.6	15.4	17.7
	6.9	689	24.1	9.18	152.9	15.8	18.3
	7.6	758	27.4	9.68	161.3	15.9	18.3
	8.3	827	25.0	10.18	169.6	16.3	18.8
38 Red	5.5	551	24.4	9.22	153.7	15.5	17.9
	6.2	620	25.0	9.77	162.8	15.6	18.1
	6.9	689	25.6	10.31	171.9	15.7	18.2
	7.6	758	25.9	10.81	180.2	16.1	18.6
	8.3	827	26.2	11.36	189.3	16.5	19.1
43 Dk. Brown	5.5	551	25.6	10.47	174.5	16.0	18.4
	6.2	620	25.9	11.02	183.6	16.4	19.0
	6.9	689	25.9	11.52	191.9	17.2	19.8
	7.6	758	26.2	12.13	202.1	17.7	20.4
	8.3	827	26.5	12.65	210.8	18.0	20.8
48 Dk. Green	5.5	551	26.8	11.40	190.0	15.8	18.3
	6.2	620	27.1	11.95	199.1	16.2	18.7
	6.9	689	27.4	12.52	208.6	16.6	19.2
	7.6	758	28.0	13.06	217.7	16.6	19.2
	8.3	827	28.0	13.74	229.0	17.5	20.2
53 Dk. Blue	5.5	551	27.7	12.47	207.8	16.2	18.7
	6.2	620	27.7	12.99	216.5	16.9	19.5
	6.9	689	28.0	13.52	225.2	17.2	19.8
	7.6	758	28.3	14.11	235.1	17.6	20.3
	8.3	827	28.0	14.63	243.8	18.6	21.5
63 Black	5.5	551	28.3	14.15	235.8	17.6	20.3
	6.2	620	28.7	14.88	247.9	18.1	20.9
	6.9	689	29.0	15.67	261.2	18.7	21.6
	7.6	758	29.3	16.33	272.2	19.1	22.0
	8.3	827	29.9	16.97	282.8	19.0	22.0
73 Orange	5.5	551	29.3	16.51	275.2	19.3	22.3
	6.2	620	29.9	17.13	285.4	19.2	22.2
	6.9	689	30.5	17.74	295.6	19.1	22.0
	7.6	758	31.1	18.38	306.2	19.0	22.0
	8.3	827	31.7	19.04	317.2	18.9	21.9

* Complies to ASAE standard. All precipitation rates calculated for 360˚ operation. All triangular rates are equilateral.

G900 NOZZLES

G990 & G995

G900 LOW-ANGLE NOZZLES

G990 & G995**

** Low-angle nozzles reduce radius by 15%

Contour "Back-Nozzle" Capabilities

Choose any nozzle from the PGP, I-40, and G70 nozzle racks, or from the short and mid-range G900 nozzles.

GOLF ROTORS