

G-990

Covering 22.3 to 31.4 m, the G990 is the perfect combination of performance and reliability.

KEY BENEFITS

- Full circle water lubricated gear-drive
- Exclusive PressurePort™ technology delivers uniform and consistent coverage
- Closed-case design helps prevent sticking riser and leaking seals
- Flexible performance with 16 nozzles to choose from

MODEL SPECIFICATIONS

- Full Circle

MODEL VARIATIONS

- **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** = 2-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.

OPERATING SPECIFICATIONS

- Discharge rate: 6.93 - 18.92 m³/hr, 115.2 - 315.3 l/min
- Radius: 22.3 - 31.4 m
- Pressure range: 5.5 - 8.3 Bar, 551 - 827 kPa
- Pressure rating: 1000 kPa





G990

Overall Height	34 cm
Pop-up Height	8 cm
Flange Diameter	19 cm
Inlet Size	1-1/2" Female ACME

G990 NOZZLE PERFORMANCE DATA*

Nozzle	Pressure		Radius	Flow		Precip mm/hr	
	bar	kPa	m	m³/hr	l/min		
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	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	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

Note: *Complies to ASAE standard. All precipitation rates calculated for 360° operation. All triangular rates are equilateral.
** For low angle nozzle performance, reduce radius by 15

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