

## G-990

Covering 73' to 103', the G990 is the perfect combination of performance and reliability.

### KEY BENEFITS

- G-990 is a dedicated, true full-circle model
- Higher-flow, longer-radius rotor designed for single-row systems
- Contour back-nozzle capability for special applications

### MODEL SPECIFICATIONS

- Full Circle

### MODEL VARIATIONS

- **C** = Check-O-Matic checks up to 25' 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, 190mA (350mA inrush) solenoid with captive plunger and internal downstream bleed.



### OPERATING SPECIFICATIONS

- Discharge rate: 30.5 to 83.3 GPM
- Radius: 73' to 103'
- Pressure range: 80 to 120 PSI
- Pressure rating: 150 PSI

## G990 NOZZLE PERFORMANCE DATA\*

Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft	GPM	■	▲
25 ° Lt. Blue	80	73	30.5	0.55	0.64
	90	75	32.4	0.55	0.64
	100	76	34.3	0.57	0.66
	110	78	36.5	0.58	0.67
	120	79	38.4	0.59	0.68
33 ° Grey	80	77	36.3	0.59	0.68
	90	78	38.4	0.61	0.70
	100	80	40.6	0.61	0.71
	110	81	42.7	0.63	0.72
	120	82	44.9	0.64	0.74
38 ° Red	80	80	40.6	0.61	0.71
	90	82	42.9	0.61	0.71
	100	83	45.3	0.63	0.73
	110	85	47.7	0.64	0.73
	120	86	50.2	0.65	0.75
43 ° Dk. Brown	80	83	46.2	0.65	0.75
	90	84	48.6	0.66	0.77
	100	85	50.9	0.68	0.78
	110	86	53.4	0.69	0.80
	120	87	55.9	0.71	0.82
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	57.3	0.67	0.77
	120	92	59.5	0.68	0.78
53 ° Dk. Blue	80	89	54.2	0.66	0.76
	90	90	56.7	0.67	0.78
	100	92	59.2	0.67	0.78
	110	93	61.7	0.69	0.79
	120	94	64.2	0.70	0.81
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	74.9	0.75	0.87
73 ° Orange	80	96	72.1	0.75	0.87
	90	98	75.0	0.75	0.87
	100	99	77.8	0.76	0.88
	110	102	80.5	0.74	0.86
	120	103	83.3	0.76	0.87

**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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