

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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<https://hunterirrigation.com/irrigation-product/golf-rotors/g-990>
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