

Hunter®



Easy to adjust. Easy to maintain.
It's easy to see why Hunter rotors are the perfect choice for the budget-minded. Through-the-top serviceability, a heavy-duty gear drive and the Pure Flow™ contamination-resistant valve system are just a few of the reasons why, for great play and beautiful results, the choice is easy. The G90/G95 from Hunter.

G90/G95 Series Rotors



Heavy-Duty Rotors Built to Go the Distance



Features & Benefits

- Exclusive Pressure Port™ nozzling improves distribution uniformity
- Color-coded nozzles with truly uniform coverage and fast identification
- Closed case rotor assures absolute protection from dirt and debris
- Through-the-top serviceability gives easy access to gear drive, riser screen and valve inlet assemblies
- Proven, heavy duty impact resistant body provides stability and protection from heavy equipment damage
- Water activated riser seal for clean flushing action and positive retraction
- Pure Flow™ contamination-resistant valve system provides positive valve shutoff and extra protection from dirt and dirty water

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G90/95 Series

Model Specifications

G90 – Full Circle

G95 – Adjustable Arc (40° to 360°)

Model Variations

C – Check-O-Matic checks up to 25 feet in elevation change

E – Electric Valve-in-Head with pressure regulation, on-off-auto selector, 190mA (370mA inrush) solenoid with captive plunger



Dimensions

- Pop-up Height: 3"
- Female inlet:
Variation C = 1 1/4" ACME
Variation E = 1 1/4" ACME
- Flange Diameter:
Variation C = 7 1/2"
Variation E = 7 1/2"
- Overall height:
Variation C = 12 1/2"
Variation E = 12 1/2"

Operating Specifications

G90

- Discharge rate: 32.2 to 69.4 gpm
- Radius: 74' to 96'
- Pressure range: 60 to 100 psi

G95

- Discharge rate: 33.1 to 69.8 gpm
- Radius: 67' to 90'
- Pressure range: 60 to 100 psi

G90 Nozzle Performance Data					
Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
33 Gray	70	74'	32.2	0.57	0.65
	80	76'	34.4	0.57	0.66
	90	78'	36.8	0.58	0.67
	100	80'	38.6	0.58	0.67
38 Red	70	77'	36.1	0.59	0.68
	80	79'	38.4	0.59	0.68
	90	80'	40.9	0.62	0.71
	100	82'	42.8	0.61	0.71
43 Dk. Brown	70	79'	40.9	0.63	0.73
	80	82'	43.9	0.63	0.73
	90	83'	46.5	0.65	0.75
	100	84'	48.5	0.66	0.76
48 Dk. Green	70	82'	46.3	0.66	0.77
	80	86'	49.6	0.65	0.75
	90	89'	52.5	0.64	0.74
	100	90'	54.8	0.65	0.75
53 Dk. Blue*	70	85'	50.5	0.67	0.78
	80	88'	53.5	0.66	0.77
	90	90'	57.4	0.68	0.79
	100	92'	59.5	0.68	0.78
63 Black	70	90'	60.6	0.72	0.83
	80	92'	63.2	0.72	0.83
	90	94'	65.9	0.72	0.83
	100	96'	69.4	0.72	0.84

G95 Nozzle Performance Data					
Nozzle	Pressure PSI	Radius Feet	Flow GPM	Precip in/hr	
33 Gray	70	67'	33.1	0.71	0.82
	80	68'	35.5	0.74	0.85
	90	69'	37.7	0.76	0.88
	100	70'	39.8	0.78	0.90
38 Red	70	70'	36.9	0.72	0.84
	80	72'	39.8	0.74	0.85
	90	73'	42.3	0.76	0.88
	100	75'	44.1	0.76	0.87
43 Dk. Brown	70	71'	42.0	0.80	0.93
	80	72'	44.5	0.83	0.95
	90	73'	47.6	0.86	0.99
	100	73'	48.3	0.87	1.01
48 Dk. Green	70	75'	47.0	0.80	0.93
	80	77'	50.2	0.81	0.94
	90	79'	53.3	0.82	0.95
	100	81'	56.0	0.82	0.95
53 Dk. Blue*	70	79'	48.5	0.75	0.86
	80	81'	53.4	0.78	0.90
	90	84'	57.0	0.78	0.90
	100	86'	59.1	0.77	0.89
63 Black	70	84'	60.9	0.83	0.96
	80	86'	63.8	0.83	0.96
	90	88'	66.5	0.83	0.95
	100	90'	69.8	0.83	0.96

G90 Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	kPa	Radius m	Flow m ³ /hr	l/min	Precip mm/hr
33 Gray	4.8	482	22.6	7.31	121.9	14
	5.5	551	23.2	7.81	130.2	15
	6.2	620	23.8	8.36	139.3	15
	6.9	689	24.4	8.77	146.1	15
38 Red	4.8	482	23.5	8.20	136.7	15
	5.5	551	24.1	8.72	145.4	15
	6.2	620	24.4	9.29	154.8	16
	6.9	689	25.0	9.72	162.0	16
43 Dk. Brown	4.8	482	24.1	9.29	154.8	16
	5.5	551	25.0	9.97	166.2	16
	6.2	620	25.3	10.56	176.0	17
	6.9	689	25.6	11.02	183.6	17
48 Dk. Green	4.8	482	25.0	10.52	175.3	17
	5.5	551	26.2	11.27	187.8	16
	6.2	620	27.1	11.93	198.7	16
	6.9	689	27.4	12.45	207.4	17
53 Dk. Blue*	4.8	482	25.9	11.47	191.2	17
	5.5	551	26.8	12.15	202.5	17
	6.2	620	27.4	13.04	217.3	17
	6.9	689	28.0	13.52	225.2	17
63 Black	4.8	482	27.4	13.77	229.4	18
	5.5	551	28.0	14.36	239.2	18
	6.2	620	28.7	14.97	249.5	18
	6.9	689	29.3	15.76	262.7	18

G95 Nozzle Performance Data – Metric						
Nozzle	Pressure Bars	kPa	Radius m	Flow m ³ /hr	l/min	Precip mm/hr
33 Gray	4.8	482	20.4	7.52	125.3	18
	5.5	551	20.7	8.06	134.4	19
	6.2	620	21.0	8.56	142.7	19
	6.9	689	21.3	9.04	150.7	20
38 Red	4.8	482	21.3	8.38	139.7	18
	5.5	551	21.9	9.04	150.7	19
	6.2	620	22.3	9.61	160.1	19
	6.9	689	22.9	10.02	167.0	19
43 Dk. Brown	4.8	482	21.6	9.54	159.0	20
	5.5	551	21.9	10.11	168.5	21
	6.2	620	22.3	10.81	180.2	22
	6.9	689	22.3	10.97	182.8	22
48 Dk. Green	4.8	482	22.9	10.68	177.9	20
	5.5	551	23.5	11.40	190.0	21
	6.2	620	24.1	12.11	201.8	21
	6.9	689	24.7	12.72	212.0	21
53 Dk. Blue*	4.8	482	24.1	11.02	183.6	19
	5.5	551	24.7	12.13	202.1	20
	6.2	620	25.6	12.95	215.8	20
	6.9	689	26.2	13.43	223.7	20
63 Black	4.8	482	25.6	13.83	230.5	21
	5.5	551	26.2	14.49	241.5	21
	6.2	620	26.8	15.11	251.7	21
	6.9	689	27.4	15.86	264.2	21

* Denotes nozzle installed in standard stocking unit (SSU).
Note: All precipitation rates calculated for 360 degree operation.
All triangular rates are equilateral.

SPECIFICATION GUIDE

EXAMPLE: **G-90E - 53 - P8 - S**

MODEL	G90 NOZZLES	PRESSURE REGULATION*	OPTIONS
G90 = Full Circle G90C = Check-O-Matic converts to N.O. Hydraulic Valve-in-Head G90E = Electric Valve-in-Head	33-63 = Nozzle Factory Installed G95 NOZZLES 33-63 = Nozzle Factory Installed SSU = #53	(Electric V.I.H. only) P7 = 70 PSI (4.8 bars; 482 kPa) P8 = 80 PSI (5.5 bars; 551 kPa) P9 = 90 PSI (6.2 bars; 620 kPa) P1 = 100 PSI (6.9 bars; 689 kPa) SSU = P8	S = Standard
G95 = Adjustable Arc Models G95C = Check-O-Matic converts to N.O. Hydraulic Valve-in-Head G95E = Electric Valve-in-Head			