

PGP-ADJ

As Hunter's original rotor, the PGP® delivers unsurpassed reliability, durability, versatility, and value.

KEY BENEFITS

- Three types of nozzles available for various landscapes: standard red, standard blue, gray low-angle
- Adjustable arc from 40° to 360° to keep water in the appropriate areas
- Factory-installed rubber cover for safety
- Through-the-top arc adjustment for easy installation
- QuickCheck™ Arc Mechanism for fast arc adjustment

Operating Specifications

- Nozzle choices: 27
- Radius: 22' to 52'
- Flow: 0.5 to 14.1 GPM
- Recommended pressure range: 25 to 70 PSI
- Operating pressure range: 20 to 100 PSI
- Precipitation rate: 0.4 in/hr approximately
- Nozzle trajectory: standard = 25°, low-angle = 13°
- Warranty period: 2 years

Factory-Installed Options

- Red 5-8 nozzle; Blue #1.5-4.0

User-Installed Options

- Drain Check Valve (up to 3' of elevation) P/N: 142300SP



PGP BLUE NOZZLE PERFORMANCE DATA					
Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft	GPM	■	▲
1.5 • Blue	25	29	1.2	0.27	0.32
	35	31	1.4	0.28	0.32
	45	31	1.5	0.30	0.35
	55	32	1.8	0.34	0.39
	65	32	1.9	0.36	0.41
2.0 • Blue	25	33	1.4	0.25	0.29
	35	33	1.7	0.30	0.35
	45	34	2.0	0.33	0.38
	55	34	2.1	0.35	0.40
	65	34	2.3	0.38	0.44
2.5 • Blue	25	33	1.7	0.30	0.35
	35	35	2.1	0.33	0.38
	45	35	2.5	0.39	0.45
	55	35	2.6	0.41	0.47
	65	35	2.9	0.46	0.53
3.0 • Blue	25	35	2.2	0.35	0.40
	35	36	2.7	0.40	0.46
	45	38	3.0	0.40	0.46
	55	39	3.4	0.43	0.50
	65	39	3.7	0.47	0.54
4.0 • Blue	25	37	3.0	0.42	0.49
	35	39	3.5	0.44	0.51
	45	40	4.0	0.48	0.56
	55	41	4.5	0.52	0.60
	65	41	4.8	0.55	0.63
5.0 • Blue	25	37	3.7	0.52	0.60
	35	39	4.5	0.57	0.66
	45	42	5.0	0.55	0.63
	55	42	5.7	0.62	0.72
	65	42	6.2	0.68	0.78
6.0 • Blue	25	38	4.3	0.57	0.66
	35	40	5.6	0.67	0.78
	45	43	6.0	0.62	0.72
	55	44	6.7	0.67	0.77
	65	44	7.3	0.73	0.84
8.0 • Blue	25	37	6.0	0.84	0.97
	35	41	7.0	0.80	0.93
	45	44	8.0	0.80	0.92
	55	46	9.0	0.82	0.95
	65	46	9.8	0.89	1.03

Notes:

Bold = Recommended pressure.

All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

PGP RED NOZZLE PERFORMANCE DATA

Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft	GPM	■	▲
1 • Red	30	28	0.5	0.12	0.14
	40	29	0.6	0.14	0.16
	50	29	0.7	0.16	0.19
	60	30	0.8	0.17	0.20
2 • Red	30	29	0.7	0.16	0.19
	40	30	0.8	0.17	0.20
	50	30	0.9	0.19	0.22
	60	31	1.0	0.20	0.23
3 • Red	30	30	0.9	0.19	0.22
	40	31	1.0	0.20	0.23
	50	31	1.2	0.24	0.28
	60	32	1.3	0.24	0.28
4 • Red	30	32	1.2	0.23	0.26
	40	33	1.4	0.25	0.29
	50	34	1.6	0.27	0.31
	60	34	1.8	0.30	0.35
5 • Red	30	32	1.6	0.30	0.35
	40	36	1.8	0.27	0.31
	50	38	2.0	0.27	0.31
	60	38	2.2	0.29	0.34
6 • Red	30	34	2.0	0.33	0.38
	40	36	2.4	0.36	0.41
	50	38	2.7	0.36	0.42
	60	38	2.9	0.39	0.45
7 • Red	30	34	2.6	0.43	0.50
	40	38	3.0	0.40	0.46
	50	40	3.4	0.41	0.47
	60	40	3.7	0.45	0.51
8 • Red	30	37	3.2	0.45	0.52
	40	39	3.7	0.47	0.54
	50	41	3.9	0.45	0.52
	60	42	4.6	0.50	0.58
9 • Red	30	38	3.6	0.48	0.55
	40	41	4.3	0.49	0.57
	50	44	5.2	0.52	0.60
	60	45	5.5	0.52	0.60
10 • Red	40	44	6.0	0.60	0.69
	50	46	6.8	0.62	0.71
	60	47	7.6	0.66	0.76
	70	49	8.2	0.66	0.76
11 • Red	40	46	8.0	0.73	0.84
	50	48	8.9	0.74	0.86
	60	50	9.8	0.75	0.87

70	51	10.5	0.78	0.90	
12 ° Red	40	46	10.5	0.96	1.10
	50	48	11.9	0.99	1.15
	60	50	12.7	0.98	1.13
	70	52	14.1	1.00	1.16

Notes:

Bold = Recommended pressure.

All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

PGP GREY LOW ANGLE NOZZLE PERFORMANCE DATA					
Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft	GPM	■	▲
4 LA ° Grey	30	22	1.4	0.56	0.64
	40	24	1.7	0.57	0.66
	50	26	1.8	0.51	0.59
	60	28	2.0	0.49	0.57
5 LA ° Grey	30	25	1.6	0.49	0.57
	40	27	1.9	0.50	0.58
	50	28	2.1	0.52	0.60
	60	30	2.3	0.49	0.57
6 LA ° Grey	30	27	2.1	0.55	0.64
	40	30	2.5	0.53	0.62
	50	33	2.8	0.49	0.57
	60	35	3.0	0.47	0.54
7 LA ° Grey	30	29	2.8	0.64	0.74
	40	32	3.1	0.58	0.67
	50	35	3.5	0.55	0.64
	60	37	3.8	0.53	0.62
8 LA ° Grey	30	31	3.4	0.68	0.79
	40	34	3.9	0.65	0.75
	50	37	4.4	0.62	0.71
	60	38	4.7	0.63	0.72
9 LA ° Grey	30	33	4.3	0.76	0.88
	40	37	5.0	0.70	0.81
	50	40	5.6	0.67	0.78
	60	42	6.1	0.67	0.77
10 LA ° Grey	40	38	6.5	0.87	1.00
	50	40	7.3	0.88	1.01
	60	42	8.0	0.87	1.01
	70	44	8.6	0.86	0.99

Notes:

Bold = Recommended pressure.

All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

Copyright © 2024 Hunter Industries Inc. Hunter, the Hunter logo, and other marks are trademarks of Hunter Industries Inc., registered in the U.S. and certain other countries.

<https://redesign.hunterindustries.com/irrigation-product/rotors/pgp-adj042324>