

PGP®

Radius: **22' to 52'**
 Flow: **0.5 to 14.1 GPM**
 Inlet: **¾"**

FEATURES

- Model: 4"
- Arc setting: 40° to 360°
- Factory installed rubber cover
- Through-the-top arc adjustment
- QuickCheck™ arc mechanism
- Water lubricated gear-drive
- Nozzle choices: 27 total, nozzle racks: Red, Blue, Gray Low Angle
- Warranty period: 2 years

OPERATING SPECIFICATIONS

- 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 rates: 0.4 in/hr approximately
- Nozzle trajectory: Std = 25°, Low Angle = 13°

PGP-ADJ – SPECIFICATION BUILDER: ORDER 1 + 2 + 3

1 Model	2 Standard Features	3 Feature Options
PGP-ADJ-B = 4" Pop-up	Adjustable arc with Blue nozzle rack	1.5 to 4.0 = Factory-installed Blue nozzle number
PGP-ADJ = 4" Pop-up	Adjustable arc with Red nozzle rack	#5 to #8 = Factory-installed Red nozzle number #7 = Factory-installed Red nozzle number

Examples:

PGP-ADJ = 4" Pop-up, adjustable arc

PGP-ADJ - B - 3.0 = 4" Pop-up, adjustable arc, and 3.0 Blue nozzle

PGP-ADJ - 07 = 4" Pop-up, adjustable arc, and #7 Red nozzle

PGP Red Standard Nozzle**PGP-ADJ**

Overall height: 7⅜"

Pop-up height: 4"

Exposed diameter: 1¾"

Inlet size: ¾"

PGP GRAY LOW ANGLE NOZZLE PERFORMANCE DATA

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲	
4LA ●	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
5LA ●	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
6LA ●	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
7LA ●	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
8LA ●	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
9LA ●	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
10LA ●	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

Bold = Recommended pressure**Note:**

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

PGP® RED NOZZLE PERFORMANCE DATA

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲	
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

Bold = Recommended pressure**Note:**

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

PGP BLUE NOZZLE PERFORMANCE DATA

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr ■ ▲	
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
2.0 ● Blue	65	32	1.9	0.36	0.41
	25	33	1.4	0.25	0.29
	35	33	1.7	0.30	0.35
	45	34	2.0	0.33	0.38
2.5 ● Blue	55	34	2.1	0.35	0.40
	65	32	2.3	0.43	0.50
	25	33	1.7	0.30	0.35
	35	35	2.1	0.33	0.38
3.0 ● Blue	45	35	2.5	0.39	0.45
	55	35	2.6	0.41	0.47
	65	35	2.9	0.46	0.53
	25	35	2.2	0.35	0.40
4.0 ● Blue	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
5.0 ● 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
6.0 ● Blue	65	41	4.8	0.55	0.63
	25	37	3.7	0.52	0.60
	35	39	4.5	0.57	0.66
	45	42	5.0	0.55	0.63
8.0 ● Blue	55	42	5.7	0.62	0.72
	65	42	6.2	0.68	0.78
	25	38	4.3	0.57	0.66
	35	40	5.6	0.67	0.78
6.0 ● Blue	45	43	6.0	0.62	0.72
	55	44	6.7	0.67	0.77
	65	44	7.3	0.73	0.84
	25	37	6.0	0.84	0.97
8.0 ● Blue	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

PGP NOZZLES

Red (P/N 130900)



Blue (P/N 665300)



Gray (P/N 233200)

**PGP-ADJ**

Easy arc and radius adjustment