



Radius: **6.4 to 15.8 m**  
 Flow: **0.10 to 3.22 m<sup>3</sup>/hr; 1.7 to 53.7 l/min**  
 Inlet: **3/4"**

**FEATURES**

- Model: 10 cm
- 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, Grey Low Angle
- Warranty period: 2 years



**PGP-ADJ**  
 Overall height: 19 cm  
 Pop-up height: 10 cm  
 Exposed diameter: 4 cm  
 Inlet size: 3/4"

**ROTORS**

**OPERATING SPECIFICATIONS**

- Radius: 6.4 to 15.8 m
- Flow: 0.10 to 3.22 m<sup>3</sup>/hr; 1.7 to 53.7 l/min
- Recommended pressure range: 1.7 to 4.5 bar; 170 to 450 kPa
- Operating pressure range: 1.4 to 7.0 bar; 140 to 700 kPa
- Precipitation rates: 10 mm/hr approximately
- Nozzle trajectory: Standard = 25°, Low Angle = 13°



**PGP-ADJ**  
 Easy arc and radius adjustment

<b>PGP-ADJ – SPECIFICATION BUILDER: ORDER 1 + 2 + 3</b>		
<b>1</b> Model	<b>2</b> Standard Features	<b>3</b> Feature Options
<b>PGP-ADJ-B</b> = 10 cm Pop-up	Adjustable arc with Blue nozzle rack	<b>1.5 to 4.0</b> = Factory-installed Blue nozzle number
<b>PGP-ADJ</b> = 10 cm Pop-up	Adjustable arc with Red nozzle rack	<b>#5 to #8</b> = Factory-installed Red nozzle number  <b>#7</b> = Factory-installed Red nozzle number

**Examples:**  
 PGP-ADJ = 10 cm Pop-up, adjustable arc  
 PGP-ADJ-B - 3.0 = 10 cm Pop-up, adjustable arc, and #3.0 Blue nozzle  
 PGP-ADJ - 07 = 10 cm Pop-up, adjustable arc, and #7 Red nozzle

**PGP Red Nozzle**



ROTORS

PGP® BLUE NOZZLE PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m³/hr	l/min	■	▲
<b>1.5</b> ● Blue	1.7	170	8.8	0.27	4.5	7	8
	2.0	200	9.1	0.29	4.8	7	8
	2.5	250	9.4	0.32	5.4	7	8
	3.0	300	9.8	0.35	5.9	7	9
	3.5	350	9.8	0.38	6.4	8	9
	4.0	400	9.8	0.41	6.8	9	10
	4.5	450	9.4	0.43	7.2	10	11
<b>2.0</b> ● Blue	1.7	170	10.1	0.32	5.4	6	7
	2.0	200	10.1	0.35	5.8	7	8
	2.5	250	10.1	0.39	6.5	8	9
	3.0	300	10.4	0.43	7.2	8	9
	3.5	350	10.4	0.47	7.8	9	10
	4.0	400	10.4	0.50	8.3	9	11
	4.5	450	10.4	0.53	8.8	10	11
<b>2.5</b> ● Blue	1.7	170	10.1	0.39	6.6	8	9
	2.0	200	10.4	0.43	7.1	8	9
	2.5	250	10.7	0.48	8.0	8	10
	3.0	300	10.7	0.54	8.9	9	11
	3.5	350	10.7	0.58	9.7	10	12
	4.0	400	10.7	0.62	10.4	11	13
	4.5	450	10.7	0.66	11.1	12	13
<b>3.0</b> ● Blue	1.7	170	10.7	0.50	8.4	9	10
	2.0	200	10.7	0.54	9.1	10	11
	2.5	250	11.0	0.61	10.2	10	12
	3.0	300	11.6	0.68	11.4	10	12
	3.5	350	11.9	0.74	12.3	10	12
	4.0	400	11.9	0.79	13.2	11	13
	4.5	450	11.9	0.84	14.0	12	14
<b>4.0</b> ● Blue	1.7	170	11.3	0.68	11.3	11	12
	2.0	200	11.6	0.73	12.2	11	13
	2.5	250	11.9	0.81	13.6	12	13
	3.0	300	12.2	0.90	15.0	12	14
	3.5	350	12.2	0.97	16.2	13	15
	4.0	400	12.5	1.04	17.3	13	15
	4.5	450	12.5	1.10	18.3	14	16
<b>5.0</b> ● Blue	1.7	170	11.3	0.84	14.0	13	15
	2.0	200	11.6	0.91	15.2	14	16
	2.5	250	11.9	1.02	17.1	15	17
	3.0	300	12.8	1.14	19.0	14	16
	3.5	350	12.8	1.24	20.6	15	17
	4.0	400	12.8	1.32	22.1	16	19
	4.5	450	12.8	1.41	23.4	17	20
<b>6.0</b> ● Blue	1.7	170	11.6	1.01	16.8	15	17
	2.0	200	11.9	1.09	18.2	15	18
	2.5	250	12.2	1.22	20.4	16	19
	3.0	300	13.1	1.36	22.7	16	18
	3.5	350	13.1	1.47	24.5	17	20
	4.0	400	13.4	1.57	26.2	18	20
	4.5	450	13.4	1.67	27.9	19	21
<b>8.0</b> ● Blue	1.7	170	11.3	1.35	22.5	21	25
	2.0	200	11.9	1.46	24.3	21	24
	2.5	250	12.5	1.63	27.2	21	24
	3.0	300	13.4	1.81	30.2	20	23
	3.5	350	13.7	1.95	32.6	21	24
	4.0	400	14.0	2.09	34.8	21	25
	4.5	450	14.0	2.22	36.9	23	26

PGP GREY LOW ANGLE NOZZLE PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m³/hr	l/min	■	▲
<b>4</b> ● LA Grey	1.7	170	6.4	0.30	4.9	14	17
	2.0	200	6.7	0.32	5.3	14	16
	2.5	250	7.0	0.35	5.9	14	17
	3.0	300	7.3	0.39	6.5	15	17
	3.5	350	7.9	0.42	7.0	13	15
	4.0	400	8.5	0.45	7.5	12	14
	4.5	450	8.5	0.47	7.9	13	15
<b>5</b> ● LA Grey	1.7	170	7.3	0.33	5.6	12	14
	2.0	200	7.6	0.36	6.0	12	14
	2.5	250	7.9	0.40	6.7	13	15
	3.0	300	8.2	0.45	7.4	13	15
	3.5	350	8.5	0.48	8.0	13	15
	4.0	400	8.8	0.52	8.6	13	15
	4.5	450	9.1	0.55	9.1	13	15
<b>6</b> ● LA Grey	1.7	170	8.8	0.44	7.3	11	13
	2.0	200	9.1	0.47	7.9	11	13
	2.5	250	9.4	0.53	8.8	12	14
	3.0	300	9.8	0.59	9.8	12	14
	3.5	350	10.1	0.64	10.6	13	15
	4.0	400	10.7	0.68	11.3	12	14
	4.5	450	10.7	0.72	12.0	13	15
<b>7</b> ● LA Grey	1.7	170	8.5	0.58	9.7	16	18
	2.0	200	8.8	0.62	10.3	16	18
	2.5	250	9.4	0.68	11.4	15	18
	3.0	300	10.1	0.75	12.5	15	17
	3.5	350	10.7	0.80	13.3	14	16
	4.0	400	11.3	0.85	14.1	13	15
	4.5	450	11.3	0.89	14.8	14	16
<b>8</b> ● LA Grey	1.7	170	9.1	0.71	11.8	17	20
	2.0	200	9.4	0.76	12.7	17	20
	2.5	250	9.8	0.84	14.1	18	20
	3.0	300	10.4	0.93	15.5	17	20
	3.5	350	11.3	1.00	16.6	16	18
	4.0	400	11.6	1.06	17.6	16	18
	4.5	450	11.6	1.12	18.6	17	19
<b>9</b> ● LA Grey	1.7	170	9.8	0.89	14.9	19	22
	2.0	200	10.1	0.96	16.0	19	22
	2.5	250	10.7	1.07	17.9	19	22
	3.0	300	11.3	1.19	19.8	19	22
	3.5	350	12.2	1.28	21.3	17	20
	4.0	400	12.8	1.37	22.8	17	19
	4.5	450	12.8	1.45	24.1	18	20
<b>10</b> ● LA Grey	1.7	170	10.1	1.17	19.5	23	27
	2.0	200	10.7	1.26	21.0	22	26
	2.5	250	11.3	1.40	23.4	22	25
	3.0	300	11.6	1.55	25.9	23	27
	3.5	350	12.2	1.67	27.8	22	26
	4.0	400	12.8	1.78	29.7	22	25
	4.5	450	12.8	1.89	31.4	23	27

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

**PGP NOZZLES**



Blue  
(P/N 665300)



Grey  
(P/N 233200)



PGP® RED NOZZLE PERFORMANCE DATA								PGP RED NOZZLE PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr		Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m <sup>3</sup> /hr	l/min	■	▲		bar	kPa		m <sup>3</sup> /hr	l/min	■	▲
1 Red	1.7	170	8.2	0.10	1.7	3	3	8 Red	1.7	170	11.0	0.66	11.0	11	13
	2.0	200	8.5	0.11	1.8	3	3		2.0	200	11.3	0.71	11.8	11	13
	2.5	250	8.5	0.13	2.1	4	4		2.5	250	11.6	0.79	13.2	12	14
	3.0	300	8.8	0.15	2.4	4	4		3.0	300	11.9	0.87	14.5	12	14
	3.5	350	8.8	0.16	2.7	4	5		3.5	350	12.5	0.94	15.6	12	14
	4.0	400	9.1	0.18	2.9	4	5		4.0	400	12.5	1.00	16.6	13	15
	4.5	450	9.1	0.19	3.2	5	5	4.5	450	12.8	1.05	17.6	13	15	
2 Red	1.7	170	8.5	0.14	2.4	4	5	9 Red	1.7	170	11.3	0.73	12.2	11	13
	2.0	200	8.8	0.16	2.6	4	5		2.0	200	11.6	0.80	13.4	12	14
	2.5	250	8.8	0.17	2.9	4	5		2.5	250	11.6	0.92	15.4	14	16
	3.0	300	9.1	0.19	3.2	5	5		3.0	300	12.5	1.05	17.5	13	16
	3.5	350	9.1	0.21	3.5	5	6		3.5	350	13.4	1.15	19.2	13	15
	4.0	400	9.4	0.22	3.7	5	6		4.0	400	13.4	1.25	20.9	14	16
	4.5	450	9.4	0.23	3.9	5	6	4.5	450	13.7	1.35	22.4	14	17	
3 Red	1.7	170	8.8	0.18	3.0	5	5	10 Red	2.0	200	12.2	1.14	19.0	15	18
	2.0	200	9.1	0.20	3.3	5	5		2.5	250	12.8	1.29	21.4	16	18
	2.5	250	9.1	0.22	3.7	5	6		3.0	300	13.4	1.44	24.0	16	18
	3.0	300	9.4	0.25	4.1	6	6		3.5	350	14.0	1.56	26.1	16	18
	3.5	350	9.4	0.27	4.5	6	7		4.0	400	14.3	1.68	28.0	16	19
	4.0	400	9.8	0.29	4.8	6	7		4.5	450	14.3	1.79	29.9	17	20
	4.5	450	9.8	0.31	5.1	6	7	5.0	500	14.6	1.90	31.7	18	21	
4 Red	1.7	170	9.4	0.24	4.1	5	6	11 Red	2.0	200	12.8	1.55	25.9	19	22
	2.0	200	9.8	0.27	4.4	6	6		2.5	250	13.7	1.73	28.7	18	21
	2.5	250	9.8	0.30	5.0	6	7		3.0	300	14.0	1.90	31.7	19	22
	3.0	300	10.1	0.34	5.6	7	8		3.5	350	14.6	2.05	34.1	19	22
	3.5	350	10.1	0.37	6.2	7	8		4.0	400	14.9	2.18	36.3	20	23
	4.0	400	10.4	0.40	6.6	7	9		4.5	450	15.2	2.30	38.4	20	23
	4.5	450	10.4	0.43	7.1	8	9	5.0	500	15.5	2.42	40.4	20	23	
5 Red	1.7	170	10.1	0.33	5.5	7	8	12 Red	2.0	200	12.8	2.03	33.8	25	29
	2.0	200	10.4	0.36	5.9	7	8		2.5	250	13.4	2.26	37.7	25	29
	2.5	250	10.4	0.39	6.5	7	8		3.0	300	14.3	2.51	41.8	24	28
	3.0	300	11.0	0.43	7.2	7	8		3.5	350	14.6	2.70	45.0	25	29
	3.5	350	11.6	0.46	7.7	7	8		4.0	400	14.9	2.88	48.1	26	30
	4.0	400	11.6	0.49	8.1	7	8		4.5	450	15.2	3.06	50.9	26	30
	4.5	450	11.6	0.51	8.6	8	9	5.0	500	15.8	3.22	53.7	26	30	
6 Red	1.7	170	10.1	0.42	6.9	8	10	<p><b>Note:</b> All precipitation rates calculated for 180° operation. For the precipitation rate for a 360° sprinkler, divide by 2.</p>							
	2.0	200	10.4	0.45	7.5	8	10								
	2.5	250	10.7	0.51	8.5	9	10								
	3.0	300	11.0	0.57	9.4	9	11								
	3.5	350	11.6	0.61	10.2	9	11								
	4.0	400	11.6	0.66	10.9	10	11								
	4.5	450	11.9	0.70	11.6	10	11								
7 Red	1.7	170	10.1	0.54	9.0	11	12								
	2.0	200	10.4	0.58	9.7	11	12								
	2.5	250	11.0	0.65	10.8	11	12								
	3.0	300	11.6	0.72	12.0	11	12								
	3.5	350	12.2	0.78	12.9	10	12								
	4.0	400	12.2	0.83	13.8	11	13								
	4.5	450	12.2	0.88	14.6	12	14								

PGP NOZZLES



Red (P/N 130900)



ROTORS