

Charts and Specs

PGP Ultra Blue Standard Nozzle							
Performance Data – Metric							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m ³ /hr	l/min	■	▲
1.5	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	
2.0	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	
2.5	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	
3.0	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	
4.0	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	
5.0	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	
6.0	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	
8.0	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	

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

PGP Ultra Low Angle Nozzle							
Performance Data – Metric							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m ³ /hr	l/min	■	▲
2.0 LA	1.7	172	7.3	0.33	5.6	12	14
	2.0	200	7.6	0.36	6.0	12	14
	2.5	248	7.9	0.40	6.7	13	15
	3.0	303	8.2	0.45	7.4	13	15
	3.5	352	8.5	0.48	8.0	13	15
4.0	400	8.8	0.52	8.6	13	15	
4.5	448	9.1	0.55	9.1	13	15	
2.5 LA	1.7	172	7.9	0.44	7.3	14	16
	2.0	200	8.2	0.47	7.9	14	16
	2.5	248	8.8	0.53	8.8	14	16
	3.0	303	9.4	0.59	9.8	13	15
	3.5	352	10.1	0.64	10.6	13	15
4.0	400	10.4	0.68	11.3	13	15	
4.5	448	10.7	0.72	12.0	13	15	
3.5 LA	1.7	172	8.5	0.58	9.7	16	18
	2.0	200	8.8	0.62	10.3	16	18
	2.5	248	9.1	0.68	11.4	16	19
	3.0	303	10.1	0.75	12.5	15	17
	3.5	352	10.7	0.80	13.3	14	16
4.0	400	11.0	0.85	14.1	14	16	
4.5	448	11.3	0.89	14.8	14	16	
4.5 LA	1.7	172	8.2	0.71	11.8	21	24
	2.0	200	8.8	0.76	12.7	19	23
	2.5	248	9.1	0.84	14.1	20	23
	3.0	303	10.1	0.93	15.5	18	21
	3.5	352	10.7	1.00	16.6	18	20
4.0	400	11.0	1.06	17.6	18	20	
4.5	448	11.3	1.12	18.6	18	20	

PGP Ultra 5.5 m Short Radius Nozzle							
Performance Data – Metric							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m ³ /hr	l/min	■	▲
.50 SR	1.7	172	4.9	0.07	1.2	6	7
	2.0	200	5.2	0.08	1.3	6	7
	2.5	248	5.2	0.09	1.5	7	8
	3.0	303	5.2	0.10	1.7	8	9
	3.5	352	5.5	0.12	1.9	8	9
4.0	400	5.5	0.13	2.1	8	10	
4.5	448	5.5	0.14	2.3	9	10	
1.0 SR	1.7	172	4.9	0.16	2.7	14	16
	2.0	200	5.2	0.17	2.9	13	15
	2.5	248	5.2	0.19	3.2	14	17
	3.0	303	5.2	0.21	3.6	16	18
	3.5	352	5.5	0.23	3.8	15	18
4.0	400	5.5	0.25	4.1	16	19	
4.5	448	5.5	0.26	4.3	17	20	
2.0 SR	1.7	172	4.9	0.28	4.7	24	27
	2.0	200	5.2	0.31	5.2	23	27
	2.5	248	5.2	0.36	6.0	27	31
	3.0	303	5.2	0.41	6.9	31	35
	3.5	352	5.5	0.45	7.6	30	35
4.0	400	5.5	0.49	8.2	33	38	
4.5	448	5.5	0.53	8.9	35	41	

PGP Ultra 7.6 m Short Radius Nozzle							
Performance Data – Metric							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m ³ /hr	l/min	■	▲
.75 SR	1.7	172	6.7	0.12	2.0	5	6
	2.0	200	7.0	0.13	2.2	5	6
	2.5	248	7.0	0.15	2.4	6	7
	3.0	303	7.3	0.16	2.7	6	7
	3.5	352	7.6	0.17	2.9	6	7
4.0	400	7.6	0.19	3.1	6	7	
4.5	448	7.6	0.20	3.3	7	8	
1.5 SR	1.7	172	6.7	0.23	3.8	10	12
	2.0	200	7.0	0.25	4.1	10	12
	2.5	248	7.0	0.28	4.6	11	13
	3.0	303	7.3	0.31	5.2	12	13
	3.5	352	7.6	0.34	5.6	12	13
4.0	400	7.6	0.36	6.0	12	14	
4.5	448	7.6	0.39	6.4	13	15	
3.0 SR	1.7	172	6.7	0.53	8.9	24	27
	2.0	200	7.0	0.56	9.3	23	26
	2.5	248	7.0	0.60	10.0	24	28
	3.0	303	7.3	0.64	10.7	24	28
	3.5	352	7.6	0.67	11.2	23	27
4.0	400	7.6	0.70	11.7	24	28	
4.5	448	7.6	0.73	12.1	25	29	

SPECIFICATION BUILDER

MODEL	FEATURES	OPTIONS
PGP-00 = Shrub	XX, CV, R	1.5 - 4.0 = Factory-installed nozzle number
PGP-04 = 4" Pop-up (10 cm)	XX, CV, CV-R, CS	
PGP-12 = 12" Pop-up (30 cm)	CV, CV-R	
▶ PGP - 04	▶ CV-R	▶ 3.0
EXAMPLE ▶ PGP-04 - CV-R - 3.0	Note: Blue nozzle rack is supplied when no pre-installed nozzle is specified.	
KEY TO FEATURES		
XX = Adjustable arc 50-360 degrees, no check valve		
CV = Adjustable arc 50-360 degrees, with check valve		
CV-R = Adjustable arc 50-360 degrees, with check valve and reclaimed water ID		
CS = Clear demo sprinkler (PGP-04 only)		