



Shrub (Fixed)

10 cm Pop-up

30 cm Pop-up

M meet the First Family of gear-driven rotary sprinklers for residential and light commercial irrigation. First because they've outsold and outperformed all others in their class since we introduced the original model in 1981.

By choosing these exceptional Hunter products, you're assured of durable, trouble-free rotary sprinklers with precision engineered nozzles for water-saving efficiency

and consistently beautiful results. You'll get no brown spots near the head or anywhere else, with evenly distributed water at a rate your soil can absorb. The PGP® is driven by today's most advanced technology, including the industry's best gear mechanism to provide you with years of flawless service. For a landscape of quiet beauty—and your peace of mind—why settle for second best when you can have the sprinkler by which everything else is measured.

Features & Benefits



Integral rubber cover with membrane covered sockets

Keeps dirt out, permanently installed

Through-the-top adjustment

Easiest to adjust, wet or dry

Quick check arc/fast forward

For quick verification of arc stop points

Complete set of interchangeable nozzles

20 standard or 7 low-angle nozzles

Factory installed nozzles available

Choose the convenience of pre-installed nozzles for large projects

Radius adjustment of up to 25%

Easy fine-tuning without changing nozzles

Reversing full-circle and part-circle operation in one unit

Hassle-free adjustment, 40° to 360°

Proven, long-life water-lubricated gear drive

First introduced over 20 years ago and still continuously improved (U.S. Patent numbers 4,568,024 and 4,718,605)

Advanced riser seal

Industry's most reliable and proven pressure-activated wiper seal

Large dirty water screen

Puts an end to nozzle clogging



PGP Blue Nozzles: Superior Coverage and Visual Appearance

Take a look and you'll see a better visual appearance that provides more even distribution, at both the close-in and mid-range areas... a superior scheduling coefficient that eliminates the problem of under- and over-watered areas... as well as an intuitive numbering system for easy identification with each individual nozzle clearly marked with its flow rate (metric on the back of nozzle rack). The new PGP Blue Nozzles are just the latest example of Hunter's ongoing commitment to remaining the leader in the irrigation industry.



Models

PGS – Shrub

PGP – 10 cm Pop-up

PGH – 30 cm Pop-up

PGP-ATR – 5.7 cm Pop-up – Retrofits existing Rain Bird® Maxi-PAW™ and others



PGP Red Standard Nozzle Performance Data – Metric

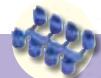
Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	
						■	▲
1	1.7	172	8.2	0.10	1.7	3	3
	2.0	200	8.5	0.11	1.8	3	3
	2.5	248	8.5	0.13	2.1	4	4
	3.0	303	8.8	0.15	2.4	4	4
	3.5	352	8.8	0.16	2.7	4	5
	4.0	400	9.1	0.18	2.9	4	5
4.5	448	9.1	0.19	3.2	5	5	
2	1.7	172	8.5	0.14	2.4	4	5
	2.0	200	8.8	0.16	2.6	4	5
	2.5	248	8.8	0.17	2.9	4	5
	3.0	303	9.1	0.19	3.2	5	5
	3.5	352	9.1	0.21	3.5	5	6
	4.0	400	9.4	0.22	3.7	5	6
4.5	448	9.4	0.23	3.9	5	6	
3	1.7	172	8.8	0.18	3.0	5	5
	2.0	200	9.1	0.20	3.3	5	5
	2.5	248	9.1	0.22	3.7	5	6
	3.0	303	9.4	0.25	4.1	6	6
	3.5	352	9.4	0.27	4.5	6	7
	4.0	400	9.8	0.29	4.8	6	7
4.5	448	9.8	0.31	5.1	6	7	
4	1.7	172	9.4	0.24	4.1	5	6
	2.0	200	9.8	0.27	4.4	6	6
	2.5	248	9.8	0.30	5.0	6	7
	3.0	303	10.1	0.34	5.6	7	8
	3.5	352	10.1	0.37	6.2	7	8
	4.0	400	10.4	0.40	6.6	7	9
4.5	448	10.4	0.43	7.1	8	9	
5	1.7	172	10.1	0.33	5.5	7	8
	2.0	200	10.4	0.36	5.9	7	8
	2.5	248	10.4	0.39	6.5	7	8
	3.0	303	11.0	0.43	7.2	7	8
	3.5	352	11.6	0.46	7.7	7	8
	4.0	400	11.6	0.49	8.1	7	8
4.5	448	11.6	0.51	8.6	8	9	
6	1.7	172	10.1	0.42	6.9	8	10
	2.0	200	10.4	0.45	7.5	8	10
	2.5	248	10.7	0.51	8.5	9	10
	3.0	303	11.0	0.57	9.4	9	11
	3.5	352	11.6	0.61	10.2	9	11
	4.0	400	11.6	0.66	10.9	10	11
4.5	448	11.9	0.70	11.6	10	11	
7	1.7	172	10.1	0.54	9.0	11	12
	2.0	200	10.4	0.58	9.7	11	12
	2.5	248	11.0	0.65	10.8	11	12
	3.0	303	11.6	0.72	12.0	11	12
	3.5	352	12.2	0.78	12.9	10	12
	4.0	400	12.2	0.83	13.8	11	13
4.5	448	12.2	0.88	14.6	12	14	
8	1.7	172	11.0	0.66	11.0	11	13
	2.0	200	11.3	0.71	11.8	11	13
	2.5	248	11.6	0.79	13.2	12	14
	3.0	303	11.9	0.87	14.5	12	14
	3.5	352	12.5	0.94	15.6	12	14
	4.0	400	12.5	1.00	16.6	13	15
4.5	448	12.8	1.05	17.6	13	15	
9	1.7	172	11.3	0.73	12.2	11	13
	2.0	200	11.6	0.80	13.4	12	14
	2.5	248	11.6	0.92	15.4	14	16
	3.0	303	12.5	1.05	17.5	13	16
	3.5	352	13.4	1.15	19.2	13	15
	4.0	400	13.4	1.25	20.9	14	16
4.5	448	13.7	1.35	22.4	14	17	
10	2.0	200	12.2	1.14	19.0	15	18
	2.5	248	12.8	1.29	21.4	16	18
	3.0	303	13.4	1.44	24.0	16	18
	3.5	352	14.0	1.56	26.1	16	18
	4.0	400	14.3	1.68	28.0	16	19
	4.5	448	14.3	1.79	29.9	17	20
5.0	496	14.6	1.90	31.7	18	21	
11	2.0	200	12.8	1.55	25.9	19	22
	2.5	248	13.7	1.73	28.7	18	21
	3.0	303	14.0	1.90	31.7	19	22
	3.5	352	14.6	2.05	34.1	19	22
	4.0	400	14.9	2.18	36.3	20	23
	4.5	448	15.2	2.30	38.4	20	23
5.0	496	15.5	2.42	40.4	20	23	
12	2.0	200	12.8	2.03	33.8	25	29
	2.5	248	13.4	2.26	37.7	25	29
	3.0	303	14.3	2.51	41.8	24	28
	3.5	352	14.6	2.70	45.0	25	29
	4.0	400	14.9	2.88	48.1	26	30
	4.5	448	15.2	3.06	50.9	26	30
5.0	496	15.8	3.22	53.7	26	30	

Dimensions

- Overall height: PGS – 19 cm, PGP – 19 cm, PGH – 43 cm
- ¾" female inlet
- Exposed diameter: 4 cm

Operating Specifications

- Discharge rate: 0.10 to 3.22 m³/hr; 1.7 to 53.7 l/min
- Radius: 6.4 to 15.8 m



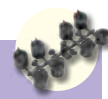
PGP Blue Standard Nozzle Performance Data – Metric

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	
						■	▲
1.5	1.7	172	8.8	0.27	4.5	7	8
	2.0	200	9.1	0.29	4.8	7	8
	2.5	248	9.4	0.32	5.4	7	8
	3.0	303	9.8	0.35	5.9	7	9
	3.5	352	9.8	0.38	6.4	8	9
	4.0	400	9.8	0.41	6.8	9	10
4.5	448	9.4	0.43	7.2	10	11	
2.0	1.7	172	10.1	0.32	5.4	6	7
	2.0	200	10.1	0.35	5.8	7	8
	2.5	248	10.1	0.39	6.5	8	9
	3.0	303	10.4	0.43	7.2	8	9
	3.5	352	10.4	0.47	7.8	9	10
	4.0	400	10.4	0.50	8.3	9	11
4.5	448	10.4	0.53	8.8	10	11	
2.5	1.7	172	10.1	0.39	6.6	8	9
	2.0	200	10.4	0.43	7.1	8	9
	2.5	248	10.7	0.48	8.0	8	10
	3.0	303	10.7	0.54	8.9	9	11
	3.5	352	10.7	0.58	9.7	10	12
	4.0	400	10.7	0.62	10.4	11	13
4.5	448	10.7	0.66	11.1	12	13	
3.0	1.7	172	10.7	0.50	8.4	9	10
	2.0	200	10.7	0.54	9.1	10	11
	2.5	248	11.0	0.61	10.2	10	12
	3.0	303	11.6	0.68	11.4	10	12
	3.5	352	11.9	0.74	12.3	10	12
	4.0	400	11.9	0.79	13.2	11	13
4.5	448	11.9	0.84	14.0	12	14	
4.0	1.7	172	11.3	0.68	11.3	11	12
	2.0	200	11.6	0.73	12.2	11	13
	2.5	248	11.9	0.81	13.6	12	13
	3.0	303	12.2	0.90	15.0	12	14
	3.5	352	12.2	0.97	16.2	13	15
	4.0	400	12.5	1.04	17.3	13	15
4.5	448	12.5	1.10	18.3	14	16	
5.0	1.7	172	11.3	0.84	14.0	13	15
	2.0	200	11.6	0.91	15.2	14	16
	2.5	248	11.9	1.02	17.1	15	17
	3.0	303	12.8	1.14	19.0	14	16
	3.5	352	12.8	1.24	20.6	15	17
	4.0	400	12.8	1.32	22.1	16	19
4.5	448	12.8	1.41	23.4	17	20	
6.0	1.7	172	11.6	1.01	16.8	15	17
	2.0	200	11.9	1.09	18.2	15	18
	2.5	248	12.2	1.22	20.4	16	19
	3.0	303	13.1	1.36	22.7	16	18
	3.5	352	13.1	1.47	24.5	17	20
	4.0	400	13.4	1.57	26.2	18	20
4.5	448	13.4	1.67	27.9	19	21	
8.0	1.7	172	11.3	1.35	22.5	21	25
	2.0	200	11.9	1.46	24.3	21	24
	2.5	248	12.5	1.63	27.2	21	24
	3.0	303	13.4	1.81	30.2	20	23
	3.5	352	13.7	1.95	32.6	21	24
	4.0	400	14.0	2.09	34.8	21	25
4.5	448	14.0	2.22	36.9	23	26	

- Recommended pressure range: 2.8 to 4.1 bars; 275 to 413 kPa (40 to 60 PSI)
- Operating pressure range: 1.4 to 6.9 bars; 137 to 689 kPa (20 to 100 PSI)
- Precipitation rates: approx. 10 mm per hour at 3.4 bars; 344 kPa (50 PSI) for spacings from 7.6 to 13.7 m
- Nozzle trajectory: standard 25°, low angle 13°

Options Available

- Drain check valve for up to 3.0 m elevation change (not available for PGP-ATR)
- Reclaimed water identification cover
- Low angle nozzles



PGP Gray Low Angle Nozzle Performance Data – Metric

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	Precip mm/hr	
						■	▲
4	1.7	172	6.4	0.30	4.9	14	17
	2.0	200	6.7	0.32	5.3	14	16
	2.5	248	7.0	0.35	5.9	14	17
	3.0	303	7.3	0.39	6.5	15	17
	3.5	352	7.9	0.42	7.0	13	15
	4.0	400	8.5	0.45	7.5	12	14
4.5	448	8.5	0.47	7.9	13	15	
5	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	
6	1.7	172	8.8	0.44	7.3	11	13
	2.0	200	9.1	0.47	7.9	11	13
	2.5	248	9.4	0.53	8.8	12	14
	3.0	303	9.8	0.59	9.8	12	14
	3.5	352	10.1	0.64	10.6	13	15
	4.0	400	10.7	0.68	11.3	12	14
4.5	448	10.7	0.72	12.0	13	15	
7	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	9.4	0.68	11.4	15	18
	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	11.3	0.85	14.1	13	15
4.5	448	11.3	0.89	14.8	14	16	
8	1.7	172	9.1	0.71	11.8	17	20
	2.0	200	9.4	0.76	12.7	17	20
	2.5	248	9.8	0.84	14.1	18	20
	3.0	303	10.4	0.93	15.5	17	20
	3.5	352	11.3	1.00	16.6	16	18
	4.0	400	11.6	1.06	17.6	16	18
4.5							