

Hunter®

PGP® Rotors



PGP®
Best-Selling
Rotor for
Residential
and Light
Commercial
Irrigation

Why settle for second best when you can have the sprinkler by which everything else is measured. The exceptional design and impressive performance of the PGP® place the rotor at the top of its class, while continuous improvements and enhancements have allowed it to maintain its stance as the number one selling rotor in the world. With features like a large dirty water screen and the superior ability to deliver even water

distribution from precision engineered nozzles, this is a residential and light commercial sprinkler simply unequaled for reliability, durability or versatility. And, it's also unequaled in value – no sprinkler in its class comes close when the subject is cost-efficiency. With its patented features and Hunter's years of experience in gear-driven technology, it's no wonder the PGP remains the professional's number one choice.

FEATURES & BENEFITS



Integral rubber cover

Keeps dirt out, won't fall off

Complete set of interchangeable nozzles

12 standard or 7 low-angle nozzles for virtually any task

40°– 360° adjustable arc or full-circle versions

For fastest, hassle-free adjustment, wet or dry

Proven, long-life, water-lubricated gear drive

First introduced over 20 years ago and still continuously improved

Variable stator

Keeps rotation speed consistent regardless of nozzle size or pressure

Large dirty water screen

Puts an end to nozzle clogging

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

Dimensions

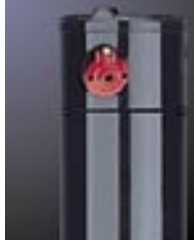
- Overall height:
PGS – 19 cm
PGP – 19 cm
PGH – 43 cm
- 3/4" female inlet
- Exposed diameter: 4 cm

Operating Specifications

- Discharge rate:
0.11 to 3.20 m³/hr;
1.9 to 53.4 l/m
- Radius: 6.7 to 15.8 m
- Pressure range:
2.1 to 4.8 bars;
206 to 482 kPa
- Matched precipitation:
10 mm per hour at
3.4 bars 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
- Reclaimed water cover
- Low angle nozzles
- Factory-installed nozzles



**PGP Standard Nozzle (Red)
Performance Data – Metric**

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	Precip mm/hr
1	2.1	206	8.5	0.11	1.9	3	4
	2.8	275	8.8	0.14	2.3	3	4
	3.4	344	8.8	0.16	2.7	4	5
	4.1	413	9.1	0.18	3.0	4	5
2	2.1	206	8.8	0.16	2.6	4	5
	2.8	275	9.1	0.18	3.0	4	5
	3.4	344	9.1	0.20	3.4	5	6
	4.1	413	9.4	0.23	3.8	5	6
3	2.1	206	9.1	0.20	3.4	5	6
	2.8	275	9.4	0.23	3.8	5	6
	3.4	344	9.4	0.27	4.5	6	7
	4.1	413	9.8	0.30	4.9	6	7
4	2.1	206	9.8	0.27	4.5	6	7
	2.8	275	10.1	0.32	5.3	6	7
	3.4	344	10.4	0.36	6.1	7	8
	4.1	413	10.4	0.41	6.8	8	9
5	2.1	206	10.4	0.36	6.1	7	8
	2.8	275	11.0	0.41	6.8	7	8
	3.4	344	11.6	0.45	7.6	7	8
	4.1	413	11.6	0.50	8.3	7	9
6	2.1	206	10.4	0.45	7.6	8	10
	2.8	275	11.0	0.55	9.1	9	10
	3.4	344	11.6	0.61	10.2	9	11
	4.1	413	11.6	0.66	11.0	10	11
7	2.1	206	10.4	0.59	9.8	11	13
	2.8	275	11.6	0.68	11.4	10	12
	3.4	344	12.2	0.77	12.9	10	12
	4.1	413	12.2	0.84	14.0	11	13
8	2.1	206	11.3	0.73	12.1	11	13
	2.8	275	11.9	0.84	14.0	12	14
	3.4	344	12.5	0.89	14.8	11	13
	4.1	413	12.8	1.04	17.4	13	15
9	2.1	206	11.6	0.82	13.6	12	14
	2.8	275	12.5	0.98	16.3	13	14
	3.4	344	13.4	1.18	19.7	13	15
	4.1	413	13.7	1.25	20.8	13	15
10	2.8	275	13.4	1.36	22.7	15	17
	3.4	344	14.0	1.54	25.7	16	18
	4.1	413	14.3	1.73	28.8	17	19
	4.8	482	14.9	1.86	31.0	17	19
11	2.8	275	14.0	1.82	30.3	18	21
	3.4	344	14.6	2.02	33.7	19	22
	4.1	413	15.2	2.23	37.1	19	22
	4.8	482	15.5	2.39	39.7	20	23
12	2.8	275	14.0	2.38	39.7	24	28
	3.4	344	14.6	2.70	45.0	25	29
	4.1	413	15.2	2.88	48.1	25	29
	4.8	482	15.8	3.20	53.4	25	29

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

**PGP Low Angle Nozzle (Gray) Performance
Data – Metric**

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m ³ /hr	Flow l/min	Precip mm/hr	Precip mm/hr
4	2.1	206	6.7	0.32	5.3	14	16
	2.8	275	7.3	0.39	6.4	14	17
	3.4	344	7.9	0.41	6.8	13	15
	4.1	413	8.5	0.45	7.6	12	14
5	2.1	206	7.6	0.36	6.1	13	14
	2.8	275	8.2	0.43	7.2	13	15
	3.4	344	8.5	0.48	7.9	13	15
	4.1	413	9.1	0.52	8.7	12	14
6	2.1	206	8.2	0.48	7.9	14	16
	2.8	275	9.1	0.57	9.5	14	16
	3.4	344	10.1	0.64	10.6	13	15
	4.1	413	10.7	0.68	11.4	12	14
7	2.1	206	8.8	0.64	10.6	16	19
	2.8	275	9.8	0.70	11.7	15	17
	3.4	344	10.7	0.80	13.2	14	16
	4.1	413	11.3	0.86	14.4	14	16
8	2.1	206	9.4	0.77	12.9	17	20
	2.8	275	10.4	0.89	14.8	16	19
	3.4	344	11.3	1.00	16.7	16	18
	4.1	413	11.6	1.07	17.8	16	18
9	2.1	206	10.1	0.98	16.3	19	22
	2.8	275	11.3	1.14	18.9	18	21
	3.4	344	12.2	1.27	21.2	17	20
	4.1	413	12.8	1.39	23.1	17	20
10	2.8	275	11.6	1.48	24.6	22	25
	3.4	344	12.2	1.66	27.6	22	26
	4.1	413	12.8	1.82	30.3	22	26
	4.8	482	13.4	1.95	32.6	22	25
P	Blank nozzle plug for turning off selected sprinklers during repairs, maintenance, etc.						

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



Rising to New Heights

Here's the best of both worlds for large shrub and flower beds: The powerful performance of a rotor plus enough height to clear lower foreground plantings with uninterrupted spray. It's the PGP – a 30 cm pop-up version of the PGP®. And because it fully retracts to ground level, it's ideal for both high-traffic and high-visibility areas.

How to Save More Water

Add the optional drain check valve to any PGP sprinkler. It prevents water from draining out of the irrigation pipes when the sprinkler pops down. Checking up to 3.0 m in elevation change, it saves water, reduces liability exposure and stops erosion near the sprinkler.

Superior Nozzle Performance Ensured Through Continuous Testing

With a combination of intelligent planning, carefully controlled manufacturing and frequent testing that conforms to the strictest industry standards, the exceptional performance of our nozzles is no accident. Hunter is the only rotary sprinkler manufacturer that not only tests nozzles during the development stage but also performs frequent tests of every batch produced. In addition, the Center for Irrigation Technology in Fresno, California, independently tests our nozzles to provide third party verification of their superior results.



SPECIFICATION GUIDE

EXAMPLE: **PGP - ADJ - LA**

MODEL	FEATURES	OPTIONS
PGS = Shrub	ADJ, 360, ADV, 36V, ARV, 3RV	XX = 12 Standard Nozzles LA = 7 Low-Angle Nozzles
PGP = 10 cm Pop-up	ADJ, 360, ADV, 36V, ARV, 3RV	01 – 12 = Factory-Installed Standard Nozzle 4 – 10 LA = Factory-Installed Low-Angle Nozzle
PGH = 30 cm Pop-up	ADV, 36V, ARV, 3RV	
	ATR	

KEY TO FEATURES:

ADJ = Adjustable with no Check Valve
360 = Full-Circle with no Check Valve
ADV = Adjustable with Check Valve
ATR = 6 cm Pop-up, adjustable with no check valve and #7 nozzle factory-installed

36V = Full-Circle with Check Valve
ARV = Adjustable, Reclaimed Water, with Check Valve
3RV = Full-Circle, Reclaimed Water, with Check Valve