



Shrub (Fixed)



10 cm Pop-up



30 cm Pop-up

**M**eet the First Family of gear-driven plastic 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 endow your property with one of its greatest assets: 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

12 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

## What Makes PGP the World's #1 Gear Drive?

*The PGP has been and continues to be the world's best-selling gear-driven rotary sprinkler. Some of the Hunter PGP "Firsts" that set it apart from the competition include:*

- *Through the top adjustment—wet or dry—no parts to remove, easy adjustment, precise*
  - *Full rack of nozzles included with every head—allows you to custom-tailor sprinkler performance to the site's needs*
  - *Rubber cover standard—keeps dirt out, improves safety*
- It's no coincidence...being first in developing technological advances like the PGP has earned Hunter the reputation as "The Irrigation Innovators"™.*



## 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
- ¾" female inlet
- Exposed diameter: 4 cm

## Operating Specifications

- Discharge rate: 0.11 to 3.20 m³/hr; 1.9 to 53.4 l/min
- Radius: 6.7 to 15.8 m
- 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: approximately 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
- Factory-installed nozzle

## Superior Nozzle Performance Ensured Through Testing

With a combination of carefully controlled manufacturing and testing, the exceptional performance of our nozzles is no accident. Hunter is the only rotary sprinkler manufacturer that tests nozzles during the development stage and tests every batch produced. In addition, the Center for Irrigation Technology tests our nozzles to provide third party verification of their superior results.



## Simple Through-the-Top Adjustment, Wet or Dry

With handy symbols to guide you through the process, PGP is the industry's easiest sprinkler to install and adjust. Best of all, the adjustable models work both as part circle and reversing full-circle sprinklers so you only need to carry one unit for all types of jobs.

## Closed Case Design Makes PGP a Clean Winner

The PGP features a totally sealed design that cannot be fouled by debris because all of the essential inner workings of the rotor are well protected in the PGP's grit-resistant, long-life gear-drive mechanism.



## Heavy Duty Spring for Positive Retraction

Only the PGP, with the strongest spring in its class, can assure reliable retraction time after time, keeping the sprinklers out of sight when not in use (as well as protecting them from mowers and eliminating potential injury hazards).



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

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	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.						

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

Nozzle	Pressure Bars	Pressure kPa	Radius m	Flow m³/hr	Flow l/min	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.

## 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	
PGP-ATR = Advanced Technology Impact Replacement. Retrofits Rain Bird® Maxi-PAW and others		

### 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

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