

Hunter®

PGP®

*The World's
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 PGP® is Hunter's original product, the item that put the company on the map in 1981. Its exceptional design and impressive performance placed the rotor a cut above back then, while continuous improvements and enhancements have allowed it to maintain its stance as the number one selling rotor in the world ever since. With superior water distribution from precision-engineered nozzles, PGP is simply unequalled for reliability, durability or versatility. It's also unequalled in value – no sprinkler in its class comes close for cost-efficiency. With its patented features and Hunter's years of experience in gear-drive technology, it's no wonder the PGP remains the professional's choice.



FEATURES & BENEFITS



Integral rubber cover with membrane covered sockets

Keeps dirt out, permanently installed

Through-the-top adjustment with helpful symbols

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 for virtually any task

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

For fastest, hassle-free adjustment, 40°-360°, wet or dry

Proven, long-life water-lubricated gear drive

First introduced over 15 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

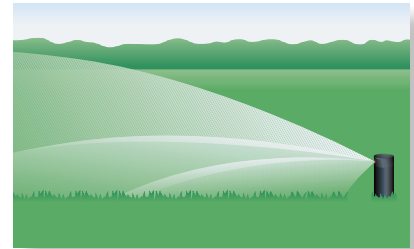


The clean and simple permanent rubber cover

A unique flexible membrane ensures that adjustment sockets will always be covered, thus protecting the internal mechanism from dirt and intrusion. It's also simple to increase or decrease arc using the adjustment socket symbols, while the handy arrow provides immediate recognition of direction of nozzle and flow.

Superior coverage – across the entire range

Only the PGP provides excellent coverage both close to the sprinkler as well as throughout its full distance of throw. The exceptional performance of PGP nozzles guarantees uniform results – with no wet spots or dry spots in all head to head spacing installations from 20 feet to 45 feet. Plus, because the nozzles are easily interchanged and adjusted, the installer can easily fine tune watering to meet field conditions.



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. Sealed membranes protect the adjustment mechanism so there are no parts to remove – and, thus, no parts to lose. 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.

Heavy duty spring for positive retraction

Other manufacturers skimp on expensive stainless steel and use a thinner grade and fewer coils. Only 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).



Closed case design makes PGP a clean winner

If you're used to using pop-up impact sprinklers, then you know just how easily the "guts" can get clogged with dirt and contamination. Unlike impacts, 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.

Whisper quiet rotation

Unlike annoying impact sprinklers, the PGP waters quietly, evenly, efficiently. You'll get precise pattern control with no bothersome backsplash onto walkways or buildings...as well as no impact clatter that will keep you awake when your system is running at night.





Models

- PGS – Shrub
- PGP – 4" Pop-up
- PGH – 12" Pop-up

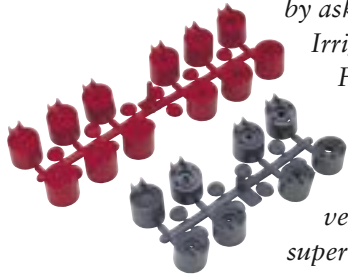
Operating Specifications

- Discharge rate: .5 to 14.4 gpm
- Radius: 22' to 52'
- Pressure range: 30 to 70 psi
- Matched precipitation: .4" per hour at 50 psi for spacings from 25' to 45'
- Optional factory-installed drain check valve for up to 10' elevation change
- Nozzle trajectory: standard – 25°; low-angle – 13°
- ¾" female inlet
- Exposed diameter: 1¼"

Unmatched Performance? It's All by Design

With a combination of intelligent planning, carefully controlled manufacturing and frequent tests that conform to the strictest industry standards, the exceptional performance of our remarkable 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. Our world-class on site laboratory checks every production run of nozzles for gallonage output, distance of throw and numerous uniformity statistics assuring you that the nozzles you receive will meet or exceed our exacting standards. Plus, we take the extra step to check our work by asking the Center for

Irrigation Technology in Fresno, California to independently test our nozzles to provide third party verification of their superior results.



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 PGH – a 12-inch 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.



PGP Standard Nozzle (Red) Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
1	30	28'	0.5	0.12	0.14
	40	29'	0.6	0.14	0.16
	50	29'	0.7	0.16	0.19
	60	30'	0.8	0.17	0.20
2	30	29'	0.7	0.16	0.19
	40	30'	0.8	0.17	0.20
	50	30'	0.9	0.19	0.22
	60	31'	1.0	0.20	0.23
3	30	30'	0.9	0.19	0.22
	40	31'	1.0	0.20	0.23
	50	31'	1.2	0.24	0.28
	60	32'	1.3	0.24	0.28
4	30	32'	1.2	0.23	0.26
	40	33'	1.4	0.25	0.29
	50	34'	1.6	0.27	0.31
	60	34'	1.8	0.30	0.35
5	30	34'	1.6	0.27	0.31
	40	36'	1.8	0.27	0.31
	50	38'	2.0	0.27	0.31
	60	38'	2.2	0.29	0.34
6	30	36'	2.0	0.30	0.34
	40	38'	2.4	0.32	0.37
	50	40'	2.7	0.32	0.38
	60	40'	2.9	0.35	0.40
7	30	36'	2.6	0.39	0.45
	40	40'	3.0	0.36	0.42
	50	42'	3.4	0.37	0.43
	60	42'	3.7	0.40	0.47
8	30	37'	3.2	0.45	0.52
	40	40'	3.7	0.45	0.51
	50	43'	4.2	0.44	0.50
	60	44'	4.6	0.46	0.53
9	30	38'	4.2	0.56	0.65
	40	43'	4.9	0.51	0.59
	50	46'	5.5	0.50	0.58
	60	47'	6.0	0.52	0.60
10	40	45'	6.0	0.57	0.66
	50	48'	6.8	0.57	0.66
	60	49'	7.6	0.61	0.70
	70	51'	8.2	0.61	0.70
11	40	46'	8.0	0.73	0.84
	50	48'	8.9	0.74	0.86
	60	50'	9.8	0.75	0.87
	70	51'	10.5	0.78	0.90
12	40	46'	11.4	1.04	1.20
	50	48'	12.2	1.02	1.18
	60	50'	13.2	1.02	1.17
	70	52'	14.4	1.03	1.18

PGP Low Angle Nozzle (Gray) Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
4	30	22'	1.4	0.56	0.64
	40	24'	1.7	0.57	0.66
	50	26'	1.8	0.51	0.59
	60	28'	2.0	0.49	0.57
5	30	25'	1.6	0.49	0.57
	40	27'	1.9	0.50	0.58
	50	28'	2.1	0.52	0.60
	60	30'	2.3	0.49	0.57
6	30	27'	2.1	0.55	0.64
	40	30'	2.5	0.53	0.62
	50	33'	2.8	0.49	0.57
	60	35'	3.0	0.47	0.54
7	30	29'	2.8	0.64	0.74
	40	32'	3.1	0.58	0.67
	50	35'	3.5	0.55	0.64
	60	37'	3.8	0.53	0.62
8	30	31'	3.4	0.68	0.79
	40	34'	3.9	0.65	0.75
	50	37'	4.4	0.62	0.71
	60	38'	4.7	0.63	0.72
9	30	33'	4.3	0.76	0.88
	40	37'	5.0	0.70	0.81
	50	40'	5.6	0.67	0.78
	60	42'	6.1	0.67	0.77
10	40	38'	6.5	0.87	1.00
	50	40'	7.3	0.88	1.01
	60	42'	8.0	0.87	1.01
	70	44'	8.6	0.86	0.99

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.

SPECIFICATION GUIDE

EXAMPLE: **PGP - ADJ - LA**

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

KEY TO FEATURES:

- ADJ = Adjustable with no Check Valve
- 360 = Full-Circle with no Check Valve
- ADV = Adjustable with Check Valve
- 36V = Full-Circle with Check Valve
- ARV = Adjustable, Reclaimed Water, with Check Valve
- 3RV = Full-Circle, Reclaimed Water, with Check Valve