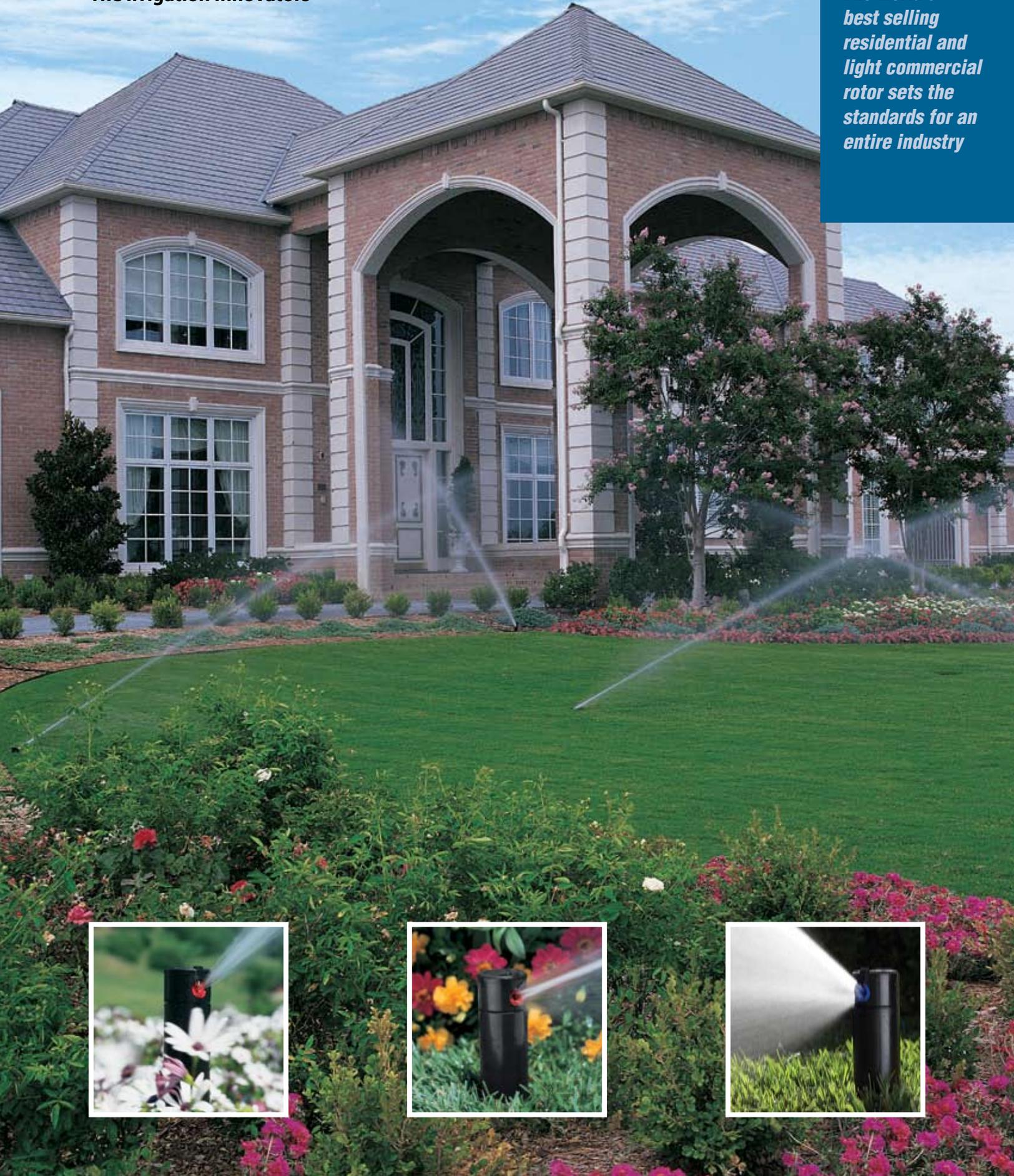


Hunter[®]
The Irrigation Innovators

PGP[®]

*The world's
best selling
residential and
light commercial
rotor sets the
standards for an
entire industry*



Meet 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.



Shrub (Fixed)



4" Pop-up



12" Pop-up

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

20 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° to 360°, wet or dry

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

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.

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. But being first is not simply limited to sales figures. 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".



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 of the landscape... as well as an intuitive numbering system for easy identification with each individual nozzle clearly marked with its flow rate. 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 – 4" Pop-up (10 cm)

PGH – 12" Pop-up (30 cm)

PGP-ATR – 2¼" Pop-up – Retrofits existing Rain Bird® Maxi-PAW™ and others

Dimensions

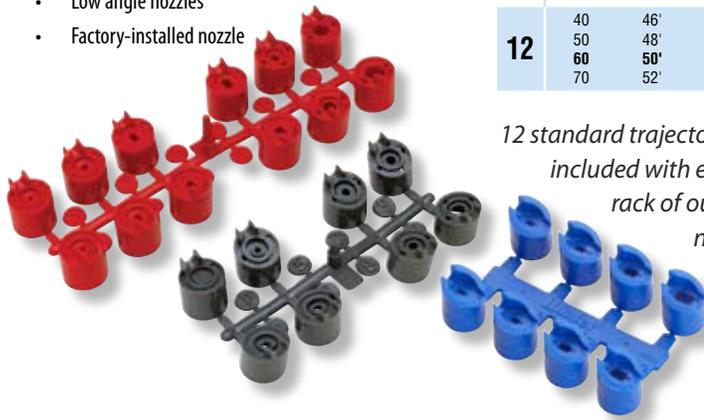
- Overall height:
 - PGS – 7 3/8" (19 cm)
 - PGP – 7 3/8" (19 cm)
 - PGH – 17" (43 cm)
- ¾" female inlet NPT
- Exposed diameter: 1 3/4" (4 cm)

Operating Specifications

- Discharge rate: .5 to 14.1 GPM (0.11 to 3.20 m³/hr; 1.9 to 53.4 l/min)
- Radius: 22' to 52' (6.7 to 15.8 m)
- Recommended pressure range: 40 to 60 PSI (2.8 to 4.1 bars; 275 to 413 kPa)
- Operating pressure range: 20 to 100 PSI (1.4 to 6.9 bars; 137 to 689 kPa)
- Precipitation rates: approximately .4" (10 mm) per hour at 50 PSI (3.4 bars; 344 kPa) for spacings from 25' to 45' (7.6 to 13.7 m)
- Nozzle trajectory: standard – 25°, low angle – 13°

Options Available

- Drain check valve for up to 10' (3.0 m) elevation change (not available for PGP-ATR)
- Reclaimed water identification cover
- Low angle nozzles
- Factory-installed nozzle



12 standard trajectory nozzles (red) are included with each sprinkler. A rack of our 8 new standard nozzles (blue) are available separately. Low angle nozzles (gray) are also available.

PGP Red Standard Nozzle 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	34'	2.0	0.33	0.38
	40	36'	2.4	0.36	0.41
	50	38'	2.7	0.36	0.42
	60	38'	2.9	0.39	0.45
7	30	34'	2.6	0.43	0.50
	40	38'	3.0	0.40	0.46
	50	40'	3.4	0.41	0.47
	60	40'	3.7	0.45	0.51
8	30	37'	3.2	0.45	0.52
	40	39'	3.7	0.47	0.54
	50	41'	3.9	0.45	0.52
	60	42'	4.6	0.50	0.58
9	30	38'	3.6	0.48	0.55
	40	41'	4.3	0.49	0.57
	50	44'	5.2	0.52	0.60
	60	45'	5.5	0.52	0.60
10	40	44'	6.0	0.60	0.69
	50	46'	6.8	0.62	0.71
	60	47'	7.6	0.66	0.76
	70	49'	8.2	0.66	0.76
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'	10.5	0.96	1.10
	50	48'	11.9	0.99	1.15
	60	50'	12.7	0.98	1.13
	70	52'	14.1	1.00	1.16

PGP Blue Standard Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	
				■	▲
1.5	25	29'	1.2	0.27	0.32
	35	31'	1.4	0.28	0.32
	45	31'	1.5	0.30	0.35
	55	32'	1.8	0.34	0.39
	65	32'	1.9	0.36	0.41
2.0	25	33'	1.4	0.25	0.29
	35	33'	1.7	0.30	0.35
	45	34'	2.0	0.33	0.38
	55	34'	2.1	0.35	0.40
	65	32'	2.3	0.43	0.50
2.5	25	33'	1.7	0.30	0.35
	35	35'	2.1	0.33	0.38
	45	35'	2.5	0.39	0.45
	55	35'	2.6	0.41	0.47
	65	35'	2.9	0.46	0.53
3.0	25	35'	2.2	0.35	0.40
	35	36'	2.7	0.40	0.46
	45	38'	3.0	0.40	0.46
	55	39'	3.4	0.43	0.50
	65	39'	3.7	0.47	0.54
4.0	25	37'	3.0	0.42	0.49
	35	39'	3.5	0.44	0.51
	45	40'	4.0	0.48	0.56
	55	41'	4.5	0.52	0.60
	65	41'	4.8	0.55	0.63
5.0	25	37'	3.7	0.52	0.60
	35	39'	4.5	0.57	0.66
	45	42'	5.0	0.55	0.63
	55	42'	5.7	0.62	0.72
	65	42'	6.2	0.68	0.78
6.0	25	38'	4.3	0.57	0.66
	35	40'	5.6	0.67	0.78
	45	43'	6.0	0.62	0.72
	55	44'	6.7	0.67	0.77
	65	44'	7.3	0.73	0.84
8.0	25	37'	6.0	0.84	0.97
	35	41'	7.0	0.80	0.93
	45	44'	8.0	0.80	0.92
	55	46'	9.0	0.82	0.95
	65	46'	9.8	0.89	1.03

PGP Gray Low Angle Nozzle 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 Red Nozzles LA = 7 Low-Angle Nozzles
PGP = 4" Pop-up	ADJ, 360, ADV, 36V, ARV, 3RV	01 - 12 = Factory-Installed Standard Red Nozzle 1.5 - 8.0 = User-Installed Standard Blue Nozzle 4 - 10 LA = Factory-Installed Low-Angle Nozzle
PGH = 12" 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 = 2¼" Pop-up, Adjustable with no Check Valve and #7 Standard Red 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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