

Hunter®

PGM Rotary Sprinklers



PGM

**Economical,
Scaled-Down
Rotor for
Mid-Range
Areas**

Caught someplace between too-big-for-a-spray and too-small-for-a-rotor? The PGM more than meets the situation halfway and compromises on nothing when it comes to quality and performance. Already capable of working in tandem with larger rotors to combine big and small areas in a single zone, this popular product now includes “radius adjustment”

for fine-tuning the spray to keep water off driveways, walks and other non-landscaped surfaces. Plus, we’ve also included a rack of six entirely redesigned nozzles — now easily identified by flow rates — that can be installed and changed faster and easier than ever. The PGM: a rotor so special it’s unlike anything else.



*Radius adjustment
and new nozzles:
keep water
where you want it*

No more fishing around through a sea of choices for the right nozzle to meet your specific needs. Now, each PGM rotor comes complete with a single rack of six simple nozzles that work in tandem with the new radius adjustment feature built into each individual sprinkler. Offering you the ability to easily fine-tune the spray and keep water off your hardscape with a simple turn of a screw, radius adjustment has been one of the product enhancements most often requested by Hunter customers worldwide. As for those nozzles, you’ll appreciate their easy installation and find their new ID system makes good sense — each nozzle is now identified by its easy-to-read flow rate.



Models

- PGM-00 – Shrub
- PGM-04 – 10 cm Pop-up
- PGM-06 – 15 cm Pop-up
- PGM-12 – 30 cm Pop-up

Dimensions

- Overall height:
 - PGM-00 – 17 cm
 - PGM-04 – 17 cm
 - PGM-06 – 22 cm
 - PGM-12 – 40 cm
- ½" female inlet
- Exposed diameter: 3 cm

Operating Specifications

- Discharge rate:
 - 0.11 to 0.68 m³/hr;
 - 1.9 to 11.4 l/min
- Radius: 4.6 to 9.1 m
- Pressure range: 2.1 to 3.4 bars; 206 to 344 kPa
- Precipitation rates:
 - approximately 11 mm per hour at 2.8 bars; 275 kPa for spacings from 4.6 to 9.1 m

Options Available

- Drain check valve (pop-up models only) for up to 2.1 m elevation change
- Reclaimed water cover

FEATURES & BENEFITS



Radius adjustment up to 25%

Allows fine tuning of spray, ensures positive nozzle retention

Part circle and full circle operation in one unit

Easily adjustable 40° to 360° from top of sprinkler, up, down, wet or dry

Quick check arc/fast forward

For quick verification of arc set points

Proven water lubricated gear drive

Matches superior reliability of time-tested PGP drives, U.S. Patent Numbers 4,568,024 and 4,718,605

Heavy-duty pressure activated riser seal

Stops wasteful excess flow

Variable stator

Keeps rotation speed consistent regardless of nozzle size or pressure

Extra large filter screen

Traps more debris without clogging

Optional factory-installed drain check valve

Prevents wet spots and low-head drainage

PGM Nozzle Performance Data – Metric

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bars	kPa		m ³ /hr	l/min	■	▲
.50	2.1	206	4.6	0.10	1.6	9	11
	2.8	275	4.9	0.11	1.9	10	11
	3.4	344	5.2	0.11	1.9	10	11
.75	2.1	206	5.2	0.15	2.4	11	13
	2.8	275	5.5	0.17	2.8	11	13
	3.4	344	5.5	0.19	3.2	13	15
1.0	2.1	206	5.8	0.19	3.2	12	13
	2.8	275	6.1	0.23	3.8	12	14
	3.4	344	6.1	0.25	4.2	13	16
1.5	2.1	206	7.0	0.30	4.9	12	14
	2.8	275	7.3	0.34	5.7	13	15
	3.4	344	7.6	0.39	6.4	13	15
2.0	2.1	206	7.6	0.39	6.4	13	15
	2.8	275	7.9	0.45	7.6	14	17
	3.4	344	8.2	0.52	8.7	15	18
3.0	2.1	206	8.5	0.57	9.5	16	18
	2.8	275	9.1	0.68	11.4	16	19
	3.4	344	9.1	0.77	12.9	18	21

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

Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 25% with adjustment screw (this may alter the uniformity of the spray pattern).

Optimum performance is shown in bold type.

Performance data are derived from tests that conform to ASAE Standard S398.1. See Hunter Irrigation products catalog for complete ASAE Certification Statement.



SPECIFICATION GUIDE

EXAMPLE: **PGM - 06 - A - V**

MODEL PGM	POP-UP HEIGHT	ARC	OPTIONS
00 = Shrub	00 = Shrub	A = Adjustable	R = Reclaimed Water Identifier
04 = 4" Pop-up	04 = 4" Pop-up		V = Factory-Installed Drain Check Valve (Pop-up Models Only)
06 = 6" Pop-up	06 = 6" Pop-up		
12 = 12" Pop-up	12 = 12" Pop-up		