

# Hunter®

PGJ Rotary Sprinklers



PGJ

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

**A** rack of easy-to-install-and-change, water-efficient nozzles...just like PGP®. Easy adjustment from the top of the sprinkler...just like PGP. The safety and durability of a rubber cover...just like PGP. The PGJ is a chip off the ol' block, in essence a PGP "junior." Hunter has scaled down the world's top-selling sprinkler exclusively for use

in applications that typically call for a spray but where it's now possible to have all the benefits of a rotor. The PGJ is capable of working in tandem with larger rotors to combine big and small areas in a single zone, offering a convenience and efficiency that sprays do not. With PGJ, fewer heads perform more efficient work for a more economical price.



## *Sprays? Or Time-Saving, Money Saving Rotors?*

*When your landscape has mid-range zones that are long and narrow, the obvious choice would be to install sprays. Yet, the intelligent choice would be a rotor specifically designed to fit this kind of landscape. With the scaled-down-in-size PGJ, two rows of rotors can do the same job as three rows of spray heads. Because PGJ rotors can run on the same zone as other rotary sprinklers, they require fewer valves and stations, and, in turn, less trenching, piping and labor. It all adds up to less installation time and lower installation costs (as well as lower watering costs).*



## FEATURES & BENEFITS



### Radius adjustment screw

Allows fine tuning of spray, ensures positive nozzle retention, can't be lost

### Protective rubber cover

Keeps debris out

### 40° - 360° adjustable arc

Easily adjustable from top of sprinkler, up, down, wet or dry

### Water-lubricated gear drive

Time proven, reliable rotation, year after year

### 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 caused by low head drainage

## Models

PGJ-00 – Shrub

PGJ-04 – 4" Pop-up (10 cm)

PGJ-06 – 6" Pop-up (15 cm)

PGJ-12 – 12" Pop-up (30 cm)

## Dimensions

- Overall height:
  - PGJ-00 – 7" (18 cm)
  - PGJ-04 – 7 $\frac{1}{8}$ " (18 cm)
  - PGJ-06 – 9 $\frac{1}{8}$ " (23 cm)
  - PGJ-12 – 16 $\frac{3}{8}$ " (41 cm)
- $\frac{1}{2}$ " female inlet NPT
- Exposed diameter: 1 $\frac{1}{8}$ " (3 cm)

## Operating Specifications

- Discharge rate: .64 to 5.3 GPM (0.15 to 1.2 m<sup>3</sup>/hr; 2.4 to 20.1 l/min)
- Radius: 15' to 37' (4.6 to 11.3 m)
- Recommended pressure range: 30 to 50 PSI (2.1 to 3.4 bars; 206 to 344 kPa)
- Precipitation rates: approximately 0.60" (16 mm) per hour at 40 PSI (2.8 bars; 275 kPa) for spacings from 16' to 37' (4.6 to 11.3 m)
- Nozzle trajectory: approximately 14°

## Options Available

- Drain check valve (Pop-up models only) for up to 7' (2.1 m) elevation change
- Reclaimed water cover



Heavy duty rubber cover keeps debris out of adjustment mechanism.



Large PGJ nozzles are easy to identify, as well as easy to install and remove.

## PGJ Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr	Precip in/hr
.75	30	15'	0.64	0.55	0.63
	40	16'	0.75	0.56	0.65
	50	17'	0.85	0.57	0.65
1.0	30	18'	0.85	0.51	0.58
	40	19'	1.0	0.53	0.62
	50	19'	1.1	0.59	0.68
1.5	30	21'	1.3	0.57	0.66
	40	22'	1.5	0.60	0.69
	50	22'	1.7	0.68	0.78
2.0	30	24'	1.7	0.57	0.66
	40	25'	2.0	0.62	0.71
	50	25'	2.3	0.71	0.82
2.5	30	27'	2.2	0.58	0.67
	40	28'	2.5	0.61	0.71
	50	28'	2.8	0.69	0.79
3.0	30	30'	2.5	0.53	0.62
	40	31'	3.0	0.60	0.69
	50	31'	3.4	0.68	0.79
4.0	30	33'	3.7	0.65	0.76
	40	34'	4.0	0.67	0.77
	50	34'	4.3	0.72	0.83
5.0	30	36'	4.7	0.70	0.81
	40	37'	5.0	0.70	0.81
	50	37'	5.3	0.75	0.86

## PGJ Nozzle Performance Data – Metric

Nozzle	Pressure Bars	Radius m	Flow m <sup>3</sup> /hr	Flow l/min	Precip mm/hr	Precip mm/hr
.75	2.1	206	4.6	0.15	2.4	14
	2.8	275	4.9	0.17	2.8	14
	3.4	344	5.2	0.19	3.2	14
1.0	2.1	206	5.5	0.19	3.2	13
	2.8	275	5.8	0.23	3.8	14
	3.4	344	5.8	0.25	4.2	15
1.5	2.1	206	6.4	0.30	4.9	14
	2.8	275	6.7	0.34	5.7	15
	3.4	344	6.7	0.39	6.4	17
2.0	2.1	206	7.3	0.39	6.4	14
	2.8	275	7.6	0.45	7.6	16
	3.4	344	7.6	0.52	8.7	18
2.5	2.1	206	8.2	0.50	8.3	15
	2.8	275	8.5	0.57	9.5	16
	3.4	344	8.5	0.64	10.6	18
3.0	2.1	206	9.1	0.57	9.5	14
	2.8	275	9.4	0.68	11.4	15
	3.4	344	9.4	0.77	12.9	17
4.0	2.1	206	10.1	0.84	14.0	17
	2.8	275	10.4	0.91	15.1	17
	3.4	344	10.4	0.98	16.3	18
5.0	2.1	206	11.0	1.07	17.8	18
	2.8	275	11.3	1.14	18.9	18
	3.4	344	11.3	1.20	20.1	19

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

## SPECIFICATION GUIDE

EXAMPLE: **PGJ - 06 - V**

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