Hunter®

The Irrigation Innovators

PGJ

All the features and benefits of the PGP® in a rotary sprinkler scaled down to fit typical spray applications

Shrub **10 cm Pop-up** **15 cm Pop-up** **30 cm Pop-up**

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.

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

Sprays? Or Time-Saving, Money-Saving, Water-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).

Models

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

Dimensions

- Overall height:
  PGJ-00 – 18 cm
  PGJ-04 – 18 cm
  PGJ-06 – 23 cm
  PGJ-12 – 41 cm
- ½" female inlet
- Exposed diameter: 3 cm

Operating Specifications

- Discharge rate: 0.15 to 1.2 m³/hr; 2.4 to 20.1 l/min
- Radius: 4.6 to 11.3 m
- Recommended pressure range: 2.1 to 3.4 bars; 206 to 344 kPa (30 to 50 PSI)
- Operating pressure range: 1.4 to 6.9 bars; 137 to 689 kPa (20 to 100 PSI)
- Precipitation rates: approximately 16 mm per hour at 2.8 bars; 275 kPa (40 PSI) for spacings from 4.6 to 11.3 m
- Nozzle trajectory: approximately 14˚

Options Available

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

The "scaled down" rotor and spray alternative designed for mid-range areas at residential and commercial sites.

Heavy duty rubber cover keeps debris out of adjustment mechanism.

Extra large filter screen (the largest in its class!) traps more debris without clogging.

PGJ Nozzle Performance Data – Metric

Nozzle	Pressure Bars	kPa	Radius m	Flow m³/hr	l/min	Precip mm/hr ■	▲
.75	1.7	172	4.3	0.13	2.2	14	17
	2.0	200	4.6	0.14	2.4	14	16
	2.5	**248**	**4.9**	**0.16**	**2.7**	**13**	**15**
	3.0	303	5.2	0.18	3.0	13	15
	3.5	352	5.2	0.19	3.2	14	17
	3.8	379	5.5	0.20	3.4	13	15
1.0	1.7	172	5.2	0.18	3.0	13	15
	2.0	200	5.5	0.19	3.2	13	15
	2.5	**248**	**5.5**	**0.21**	**3.5**	**14**	**16**
	3.0	303	5.8	0.23	3.8	14	16
	3.5	352	5.8	0.24	4.1	15	17
	3.8	379	6.1	0.25	4.2	14	16
1.5	1.7	172	6.1	0.27	4.5	15	17
	2.0	200	6.4	0.29	4.8	14	16
	2.5	**248**	**6.4**	**0.32**	**5.4**	**16**	**18**
	3.0	303	6.7	0.36	6.0	16	18
	3.5	352	6.7	0.39	6.4	17	20
	3.8	379	7.0	0.40	6.7	16	19
2.0	1.7	172	7.0	0.34	5.6	14	16
	2.0	200	7.3	0.37	6.2	14	16
	2.5	**248**	**7.3**	**0.42**	**7.1**	**16**	**18**
	3.0	303	7.6	0.48	8.0	17	19
	3.5	352	7.6	0.53	8.8	18	21
	3.8	379	7.9	0.56	9.3	18	20
2.5	1.7	172	7.9	0.46	7.6	15	17
	2.0	200	8.2	0.49	8.1	14	17
	2.5	**248**	**8.2**	**0.54**	**9.0**	**16**	**18**
	3.0	303	8.5	0.59	9.8	16	19
	3.5	352	8.5	0.63	10.5	17	20
	3.8	379	8.8	0.65	10.9	17	19
3.0	1.7	172	8.8	0.51	8.5	13	15
	2.0	200	9.1	0.56	9.3	13	15
	2.5	**248**	**9.1**	**0.64**	**10.6**	**15**	**18**
	3.0	303	9.4	0.72	12.0	16	19
	3.5	352	9.4	0.78	13.1	18	20
	3.8	379	9.8	0.82	13.7	17	20
4.0	1.7	172	9.8	0.80	13.3	17	19
	2.0	200	10.1	0.83	13.8	16	19
	2.5	**248**	**10.1**	**0.89**	**14.8**	**18**	**20**
	3.0	303	10.4	0.94	15.7	17	20
	3.5	352	10.4	0.98	16.3	18	21
	3.8	379	10.7	1.00	16.7	18	20
5.0	1.7	172	10.7	1.02	17.0	18	21
	2.0	200	11.0	1.06	17.6	18	20
	2.5	**248**	**11.0**	**1.11**	**18.5**	**18**	**21**
	3.0	303	11.3	1.17	19.4	18	21
	3.5	352	11.3	1.21	20.1	19	22
	3.8	379	11.6	1.23	20.5	18	21

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

Easily fine-tune arc setting through the top of the sprinkler with screwdriver or Hunter wrench.

Nozzles self-align for easy installation and removal; marked for easy identification.

SPECIFICATION GUIDE

EXAMPLE: **PGJ - 06 - V**

MODEL	POP-UP HEIGHT	OPTIONS
PGJ	**00** = Shrub	**R** = Reclaimed Water Identifier
	04 = 10 cm Pop-up	**V** = Factory-Installed Drain Check Valve (Pop-up Models Only)
	06 = 15 cm Pop-up	
	12 = 30 cm Pop-up	