

PGJ

Application: **Residential**

Radius: **4.3 to 11.6 m**

Flow Rate: **0.13 to 1.23 m³/hr; 2.2 to 20.5 l/min**

Inlet Size: **½" NPT**

FEATURES

- Models: Shrub, 10 cm, 15 cm, 30 cm
- Arc setting: 40 to 360 degrees
- Nozzle choices: 8
- Nozzle range: 0.75 to 5.0
- Standard factory installed nozzle: 2.0 only
- Factory installed rubber cover
- Through-the-top arc adjustment
- Quick check arc mechanism
- Water lubricated gear-drive
- Warranty period: 2 years
- ▶ **Headed and slotted set screw**
- ▶ **Reclaimed water ID**
- ▶ **Drain check valve (Up to 2 m of elevation)**

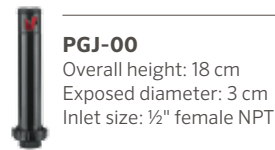
OPERATING SPECIFICATIONS

- Radius: 4.3 to 11.6 m
- Flow rate: 0.13 to 1.23 m³/hr; 2.2 to 20.5 l/min
- Recommended pressure range: 1.7 to 3.8 bar; 170 to 380 kPa
- Operating pressure range: 1.4 to 6.9 bar; 140 to 690 kPa
- Precipitation rates: 15 mm/hr approx.
- Nozzle trajectory: 14 degrees approx.

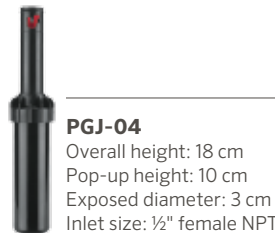
▶ = Advanced Feature descriptions on page 12



PGJ Reclaimed
Available as a factory-installed option on all models



PGJ-00
Overall height: 18 cm
Exposed diameter: 3 cm
Inlet size: ½" female NPT



PGJ-04
Overall height: 18 cm
Pop-up height: 10 cm
Exposed diameter: 3 cm
Inlet size: ½" female NPT



PGJ-06
Overall height: 23 cm
Pop-up height: 15 cm
Exposed diameter: 3 cm
Inlet size: ½" female NPT



PGJ-12
Overall height: 41 cm
Pop-up height: 60 cm
Exposed diameter: 3 cm
Inlet size: ½" female NPT

PGJ - SPECIFICATION BUILDER: ORDER 1+ 2 + 3		
1 Model	2 Standard Features	3 Feature Options
PGJ-00 = Shrub	Adjustable arc, 8 standard nozzles	(blank) = No option
PGJ-04 = 10 cm Pop-up		V = Drain check valve
PGJ-06 = 15 cm Pop-up		R = Drain check valve and reclaimed water ID (pop-up models only)
PGJ-12 = 30 cm Pop-up		

Examples:
 PGJ-04 = 10 cm pop-up, adjustable arc
 PGJ-06 - V = 15 cm pop-up, adjustable arc, with drain check valve
 PGJ-12 - R = 30 cm pop-up, adjustable arc, with drain check valve and reclaimed water ID

PGJ NOZZLE PERFORMANCE DATA

Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	Bar	kPa		m³/hr	l/min	■	▲
.75 ● Red	1.7	170	4.3	0.13	2.2	14	17
	2.0	200	4.6	0.14	2.4	14	16
	2.5	250	4.9	0.16	2.7	13	15
	3.0	300	5.2	0.18	3.0	13	15
	3.5	350	5.2	0.19	3.2	14	17
1.0 ● Red	3.8	380	5.5	0.20	3.4	13	15
	1.7	170	5.2	0.18	3.0	13	15
	2.0	200	5.5	0.19	3.2	13	15
	2.5	250	5.5	0.21	3.5	14	16
	3.0	300	5.8	0.23	3.8	14	16
1.5 ● Red	3.5	350	5.8	0.24	4.1	15	17
	3.8	380	6.1	0.25	4.2	14	16
	1.7	170	6.1	0.27	4.5	15	17
	2.0	200	6.4	0.29	4.8	14	16
	2.5	250	6.4	0.32	5.4	16	18
2.0 ● Red	3.0	300	6.7	0.36	6.0	16	18
	3.5	350	6.7	0.39	6.4	17	20
	3.8	380	7.0	0.40	6.7	16	19
	1.7	170	7.0	0.34	5.6	14	16
	2.0	200	7.3	0.37	6.2	14	16
2.5 ● Red	3.0	300	7.6	0.48	8.0	17	19
	3.5	350	7.6	0.53	8.8	18	21
	3.8	380	7.9	0.56	9.3	18	20
	1.7	170	7.9	0.46	7.6	15	17
	2.0	200	8.2	0.49	8.1	14	17
3.0 ● Red	2.5	250	8.2	0.54	9.0	16	18
	3.0	300	8.5	0.59	9.8	16	19
	3.5	350	8.5	0.63	10.5	17	20
	3.8	380	8.8	0.65	10.9	17	19
	1.7	170	8.8	0.51	8.5	13	15
4.0 ● Red	2.0	200	9.1	0.56	9.3	13	15
	2.5	250	9.1	0.64	10.6	15	18
	3.0	300	9.4	0.72	12.0	16	19
	3.5	350	9.4	0.78	13.1	18	20
	3.8	380	9.8	0.82	13.7	17	20
5.0 ● Red	1.7	170	9.8	0.80	13.3	17	19
	2.0	200	10.1	0.83	13.8	16	19
	2.5	250	10.1	0.89	14.8	18	20
	3.0	300	10.4	0.94	15.7	17	20
	3.5	350	10.4	0.98	16.3	18	21
5.0 ● Red	3.8	380	10.7	1.00	16.7	18	20
	1.7	170	10.7	1.02	17.0	18	21
	2.0	200	11.0	1.06	17.6	18	20
	2.5	250	11.0	1.11	18.5	18	21
	3.0	300	11.3	1.17	19.4	18	21
5.0 ● Red	3.5	350	11.3	1.21	20.1	19	22
	3.8	380	11.6	1.23	20.5	18	21

Bold = Recommended pressure

Notes:

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



ROTORS