

PGJ

Radius: **4.3 to 11.6 m**
 Flow: **0.13 to 1.23 m³/hr; 2.2 to 20.5 l/min**
 Inlet: **½"**

FEATURES

- Models: Shrub, 10 cm, 15 cm, 30 cm
- Arc setting: 40° to 360°
- 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
- QuickCheck™ arc mechanism
- Water lubricated gear-drive
- Warranty period: 2 years
- ▶ Headed and slotted set screw
- ▶ Optional reclaimed water ID
- ▶ Drain check valve (up to 2 m of elevation)

OPERATING SPECIFICATIONS

- Radius: 4.3 to 11.6 m
- Flow: 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 7.0 bar; 140 to 700 kPa
- Precipitation rates: 15 mm/hr approximately
- Nozzle trajectory: 15° approximately
- ▶ = *Advanced Feature descriptions on page 18*



PGJ Reclaimed
 Available as a factory installed option on all models

| 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-00
 Overall height: 18 cm
 Exposed diameter: 3 cm
 Inlet size: ½"



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



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



PGJ-12
 Overall height: 41 cm
 Pop-up height: 30 cm
 Exposed diameter: 3 cm
 Inlet size: ½"

ROTORS

| PGJ RED NOZZLE PERFORMANCE DATA | | | | | | | |
|---------------------------------|----------|-----|-------------|--------------------|-------|--------------|----|
| Nozzle | Pressure | | Radius m | Flow | | Precip mm/hr | |
| | bar | kPa | | m ³ /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 |
| | 3.8 | 380 | 5.5 | 0.20 | 3.4 | 13 | 15 |
| 1.0 ● Red | 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 |
| | 3.5 | 350 | 5.8 | 0.24 | 4.1 | 15 | 17 |
| | 3.8 | 380 | 6.1 | 0.25 | 4.2 | 14 | 16 |
| 1.5 ● Red | 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 |
| | 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 |
| 2.0 ● Red | 1.7 | 170 | 7.0 | 0.34 | 5.6 | 14 | 16 |
| | 2.0 | 200 | 7.3 | 0.37 | 6.2 | 14 | 16 |
| | 2.5 | 250 | 7.3 | 0.42 | 7.1 | 16 | 18 |
| | 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 |
| 2.5 ● Red | 1.7 | 170 | 7.9 | 0.46 | 7.6 | 15 | 17 |
| | 2.0 | 200 | 8.2 | 0.49 | 8.1 | 14 | 17 |
| | 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 |
| 3.0 ● Red | 1.7 | 170 | 8.8 | 0.51 | 8.5 | 13 | 15 |
| | 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 |
| 4.0 ● 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 |
| | 3.8 | 380 | 10.7 | 1.00 | 16.7 | 18 | 20 |
| 5.0 ● Red | 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 |
| | 3.5 | 350 | 11.3 | 1.21 | 20.1 | 19 | 22 |
| | 3.8 | 380 | 11.6 | 1.23 | 20.5 | 18 | 21 |



PGJ



Note:

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