

# PGJ

Radius: **15' to 37'**  
Flow: **0.64 to 5.3 GPM**  
Inlet: **½"**

## FEATURES

- Models: Shrub, 4", 6", 12"
- 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
- ▶ Reclaimed water ID
- ▶ Drain check valve (up to 7' of elevation)

## OPERATING SPECIFICATIONS

- Radius: 15' to 37'
- Flow: 0.64 to 5.3 GPM
- Recommended pressure range: 30 to 50 PSI
- Operating pressure range: 20 to 100 PSI
- Precipitation rates: 0.6 in/hr approximately
- Nozzle trajectory: 14° approximately

▶ = *Advanced Feature descriptions on page 30*



### 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 = 4" Pop-up  |                                    |                   | V       | = Drain check valve                        |
|   | PGJ-06 = 6" Pop-up  |                                    |                   | R       | = Drain check valve and reclaimed water ID |
|   | PGJ-12 = 12" Pop-up |                                    |                   |         |                                            |

#### Examples:

PGJ-04 = 4" Pop-up, adjustable arc

PGJ-06 - V = 6" Pop-up, adjustable arc, with drain check valve

PGJ-12 - R = 12" Pop-up, adjustable arc, with drain check valve and reclaimed water ID

### PGJ-00

Overall height: 7"  
Exposed diameter: 1⅛"  
Inlet size: ½"



### PGJ-04

Overall height: 7⅞"  
Pop-up height: 4"  
Exposed diameter: 1⅛"  
Inlet size: ½"



### PGJ-06

Overall height: 9⅞"  
Pop-up height: 6"  
Exposed diameter: 1⅛"  
Inlet size: ½"



### PGJ-12

Overall height: 16⅜"  
Pop-up height: 12"  
Exposed diameter: 1⅛"  
Inlet size: ½"



### PGJ RED NOZZLE PERFORMANCE DATA

| Nozzle     | Pressure<br>PSI | Radius<br>ft. | Flow<br>GPM | Precip in/hr<br>■ ▲ |
|------------|-----------------|---------------|-------------|---------------------|
| .75<br>Red | 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<br>Red | 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<br>Red | 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<br>Red | 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<br>Red | 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<br>Red | 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<br>Red | 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<br>Red | 30              | 36            | 4.7         | 0.70 0.81           |
|            | 40              | 37            | 5.0         | 0.70 0.81           |
|            | 50              | 37            | 5.3         | 0.75 0.86           |

**Bold** = Recommended pressure

#### Note:

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

### PGJ NOZZLES

