



# **ROTORS**

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# ROTORS

# ADVANCED FEATURES

## RELIABLE STRENGTH & DURABILITY

### PRESSURE-REGULATED BODY



Reduce high incoming pressure to prevent misting and allow nozzles to operate at peak efficiency. Lower pressure produces larger water droplets that fight the effects of wind.

PGP™ Ultra Shrub and 10 cm, I-20 10 and 15 cm

### STAINLESS STEEL RISER



For unforgiving soil conditions, unpredictable climates, or heavy foot traffic, stainless steel is the best choice.

Standard on I-40 and I-80  
Optional on I-20 and I-25

### DRAIN CHECK VALVE



The Drain Check Valve keeps lines from draining when the system is shut off. This saves water, reduces liability, and prolongs system life.

PGJ, PGP Ultra, I-20, I-25, I-40, I-80, I-90

## EASY IN-THE-FIELD IDENTIFICATION

### OPTIONAL RECLAIMED WATER ID



Purple caps indicate where non-potable irrigation water is being used.

PGJ, PGP Ultra, I-20, I-25, I-40, I-80, I-90

### COLOUR-CODED NOZZLES

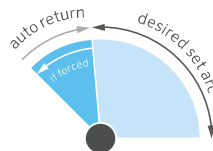


Nozzles are easier to differentiate in the field for simple installation and quick organisation.

I-25, I-40, I-80, I-90

## EASY AS-NEEDED ADJUSTMENTS

### AUTOMATIC ARC RETURN & NON-STRIPPABLE DRIVE



This patented feature returns the turret to the original arc regardless of where it is turned. The non-strippable drive mechanism is protected from damage, ensuring protection from vandalism.

PGP Ultra, I-20, I-25, I-40

### FLOSTOP™ CONTROL



FloStop™ Technology stops the flow of water from individual sprinkler heads while the system is running. This is ideal for changing nozzles or turning off specific heads during maintenance and construction.

I-20

## VALUE-ADDED OPTIONS

### OPPOSING NOZZLE 360° MODEL



The opposing nozzle design offers excellent water distribution. With primary and secondary nozzles on opposing sides of the turret, streams arc in opposite directions as the sprinkler rotates for outstanding midrange and close-in watering.

I-40, I-80, I-90

### HEADED AND SLOTTED SETSCREW



Use a slotted screwdriver or the Hunter Wrench for easier and simpler adjustments as needed.

PGJ, PGP Ultra, I-20

## ROTOR COMPARISON CHART

QUICK SPECS		PGJ	SRM	PGP-ADJ	PGP ULTRA	I-20	I-25	I-40	I-40-ON	I-80	I-90
INLET SIZE		½"	½"	¾"	¾"	¾"	1" (25 mm)	1" (25 mm)	1" (25 mm)	1½" (40 mm)	1½" (40 mm)
RADIUS	m	4.3-11.6	4.0-9.4	6.4-15.8	4.9-14.0	4.9-14.0	11.9-21.6	13.1-23.3	15.2-23.2	19.2-29.6	22.3-31.7
FLOW	m³/hr	0.13-1.23	0.08-0.82	0.10-3.22	0.07-3.23	0.07-3.23	0.82-7.24	1.63-6.84	2.75-7.76	4.6-13.5	6.7-19.0
	l/min	2.2-20.5	1.4-13.7	1.7-53.7	1.2-53.8	1.2-53.8	13.6-120.7	27.2-114.1	45.8-129.4	76.5-225.6	111.7-317.2
FEATURES											
RECOMMENDED PRESSURE RANGE	bar	1.7-3.8	1.7-3.8	1.7-4.5	1.7-4.5	1.7-4.5	2.5-7.0	2.5-7.0	2.5-7.0	3.4-6.9	5.5-8.0
	kPa	170-380	170-380	170-450	170-450	170-450	250-700	280-700	280-700	340-690	550-800
OPERATING PRESSURE RANGE	bar	1.4-7.0	1.4-7.0	1.4-7.0	1.4-7.0	1.4-7.0	2.5-7.0	2.5-7.0	2.5-7.0	3.4-6.9	5.0-8.0
	kPa	140-700	140-700	140-700	140-700	140-700	250-700	250-700	250-700	340-690	500-800
NOZZLE TRAJECTORY		15°	15°	25°	25°	25°	25°	25°	25°	25°	22.5°
SPECIFIC NOZZLES		---	---	---	Optional	Optional	Pre-Installed	Pre-Installed	Pre-Installed	Pre-Installed	Pre-Installed
NOZZLE OPTIONS		8	6	27	34	34	11	6	6	21	16
WARRANTY		2 Years	1 Year	2 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
ADVANCED FEATURES											
LOW-ANGLE NOZZLE CHOICES				●	●	●					
AUTOMATIC ARC RETURN					●	●	●	●			
NON-STRIPPABLE DRIVE					●	●	●	●			
PART- AND FULL-CIRCLE IN ONE MODEL					●	●	●	●		●	
HEADED AND SLOTTED SETSCREW		●			●	●					
RECLAIMED WATER ID		●			●	●	●	●	●	●	●
AVAILABLE SHORT RADIUS NOZZLES					●	●					
FLOSTOP™ CONTROL						●					
OPPOSING NOZZLE									●	●	●
STAINLESS STEEL RISER OPTION						●	●	●	●	●	
OPTIONAL PRESSURE-REGULATED BODY					●	●					
OPTIONAL OR FACTORY-INSTALLED DRAIN CHECK VALVE		● (2 m)			● (3 m)	● (3 m)	● (3 m)	● (4.5 m)	● (4.5 m)	● (1.5 m)	● (2 m)

# PGJ

Radius: **4.0 to 10.7 m**  
Flow: **0.08 to 1.0 m<sup>3</sup>/hr; 1.4 to 16.7 l/min**

The highly durable PGJ offers all the benefits of a large rotor in a compact, spray-sized package, with water-efficient nozzles and easy arc adjustment.

## KEY BENEFITS

- Headed and slotted setscrew allows radius adjustment with a Hunter Wrench or flat-blade screwdriver
- Adjustable arc from 40° to 360° to keep water in the appropriate areas
- Standard factory-installed 2.0 nozzle speeds installation
- QuickCheck™ Arc Mechanism for fast arc adjustment

## OPERATING SPECIFICATIONS

- Nozzle choices: 8
- Radius: 4.0 to 10.7 m
- Flow: 0.08 to 1.0 m<sup>3</sup>/hr; 1.4 to 16.7 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 rate: 15 mm/hr approximately
- Nozzle trajectory: 15° approximately
- Warranty period: 2 years

## FACTORY-INSTALLED OPTIONS

- Drain Check Valve (up to 2.1 m of elevation) excluding PGJ-00
- Reclaimed water ID

## USER-INSTALLED OPTIONS

- Drain Check Valve (up to 2.1 m of elevation) excluding PGJ-00 (P/N 462078SP)
- HC-50F-50M Check Valve (up to 9.7 m of elevation)



### 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

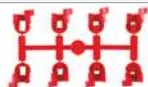
Overall height: 41 cm  
Pop-up height: 30 cm  
Exposed diameter: 3 cm  
Inlet size: ½"

PGJ PERFORMANCE DATA							
Nozzle	Pressure		Radius m	Flow		Precip mm/hr	
	bar	kPa		m <sup>3</sup> /hr	l/min	■	▲
0.50	1.7	170	4.3	0.08	1.4	9	11
	2.0	200	4.3	0.09	1.6	10	12
	<b>2.5</b>	<b>250</b>	<b>4.6</b>	<b>0.11</b>	<b>1.8</b>	<b>10</b>	<b>12</b>
	3.0	300	4.6	0.12	2.0	12	13
	3.5	350	4.9	0.13	2.2	11	13
	3.8	380	4.9	0.14	2.3	12	14
0.75	1.7	170	4.3	0.13	2.2	14	17
	2.0	200	4.6	0.14	2.4	14	16
	<b>2.5</b>	<b>250</b>	<b>4.9</b>	<b>0.16</b>	<b>2.7</b>	<b>13</b>	<b>15</b>
	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	1.7	170	5.2	0.18	3.0	13	15
	2.0	200	5.5	0.19	3.2	13	15
	<b>2.5</b>	<b>250</b>	<b>5.5</b>	<b>0.21</b>	<b>3.5</b>	<b>14</b>	<b>16</b>
	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	1.7	170	6.1	0.27	4.5	15	17
	2.0	200	6.4	0.29	4.8	14	16
	<b>2.5</b>	<b>250</b>	<b>6.4</b>	<b>0.32</b>	<b>5.4</b>	<b>16</b>	<b>18</b>
	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	1.7	170	7.0	0.34	5.6	14	16
	2.0	200	7.3	0.37	6.2	14	16
	<b>2.5</b>	<b>250</b>	<b>7.3</b>	<b>0.42</b>	<b>7.1</b>	<b>16</b>	<b>18</b>
	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	1.7	170	7.9	0.46	7.6	15	17
	2.0	200	8.2	0.49	8.1	14	17
	<b>2.5</b>	<b>250</b>	<b>8.2</b>	<b>0.54</b>	<b>9.0</b>	<b>16</b>	<b>18</b>
	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	1.7	170	8.8	0.51	8.5	13	15
	2.0	200	9.1	0.56	9.3	13	15
	<b>2.5</b>	<b>250</b>	<b>9.1</b>	<b>0.64</b>	<b>10.6</b>	<b>15</b>	<b>18</b>
	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	1.7	170	9.8	0.80	13.3	17	19
	2.0	200	10.1	0.83	13.8	16	19
	<b>2.5</b>	<b>250</b>	<b>10.1</b>	<b>0.89</b>	<b>14.8</b>	<b>18</b>	<b>20</b>
	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

**Note:**

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

**PGJ NOZZLES**



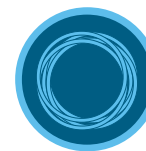
**PGJ**



Compatible with:



**SJ Swing Joints**  
Page 74



**Hunter FlexSG**  
Page 74