PGP® Written Specifications

**Part 1 – General**

1.1The PGP is a rotary gear-driven sprinkler for residential and light commercial applications. It features water-efficient nozzles that can be easily changed and simple arc adjustment.

**Part 2 – Parts and Material**

2.1The PGP shall be available in the following versions: 4" (10 cm) pop-up.

1. The sprinkler shall be constructed from corrosion- and impact-resistant ABS plastic.
2. The sprinkler shall be equipped with a durable stainless-steel riser spring.
3. The sprinkler shall be available with 27 nozzle choices in flow rates from 0.5 to 14.1 GPM (0.10 to 3.22 m3/hr; 1.7 to 53.7 l/min).
4. The arc of the sprinkler shall be adjustable from 40° to 360°.
5. The sprinkler shall be equipped with through-the-top arc adjustment.
6. The sprinkler shall be equipped with a QuickCheck™ arc mechanism.
7. The sprinkler shall be equipped with a factory-installed rubber cover.

2.2. Rotor dimensions

 A. PGP-ADJ

* + - Pop-up height: 4" (10 cm)
		- Overall height: 7⅜" (19 cm)
		- Exposed diameter: 1¾" (4 cm)
		- Inlet size: ¾" NPT

2.3 Warranty

 A. The sprinkler shall carry a two-year exchange warranty.

**Part 3 – Function and Operation**

3.1 Recommended pressure range: 25 to 70 PSI (1.7 to 4.5 bar; 170 to 450 kPa)

 A. Operating pressure range: 20 to 100 PSI (1.4 to 1.7 bar; 140 to 700 kPa)

3.2Radius: 22' to 52' (6.4 to 15.8 m)

3.3 Flow rate: 0.5 to 14.1 GPM (0.10 to 3.22 m3/hr; 1.7 to 53.7 l/min)

3.4 Precipitation rate: 0.4 in/hr (10 mm/hr) approximately

3.5 Nozzle trajectory: Standard = 25° approximately, Low-angle = 13° approximately

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