SRM Written Specification

**Part 1 – General**

1.1The SRM is a compact, short range, rotary gear driven sprinkler. It features easily changed, water efficient nozzles and easy arc adjustment.

**Part 2 – Parts and Material**

2.1The SRM Shall be available in the following versions: 4” Pop-Up (10 cm).

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 8 nozzle choices in flow rates from 0.42 to 4.3 GPM (0.08 to 1.0 m3/hr; 1.4 to 16.7 l/min).
4. The arc of the sprinkler shall be adjustable from 40-360 degrees
5. The sprinkler shall be equipped with through the top arc adjustment.
6. The sprinkler shall be equipped with a quick check arc mechanism.

2.2. Rotor dimensions

 SRM-04

 Pop-up height: 4” (10 cm)

 Overall height: 7-1/8” (18 cm)

 Exposed diameter: 1-1/8” (3 cm)

 Inlet size: ½” NPT

2.3 Warranty

 A. The sprinkler shall carry a one-year, exchange warranty.

**Part 3 – Function and Operation**

3.1 Recommended pressure range: 30 to 50 PSI (1.7 to 3.8 bar; 170 to 380 kPa)

 A. Operating pressure range: 20 to 100 PSI (1.4 to 7.0 bar; 140 to 700 kPa)

3.2Radius: 14’ to 34’ (4.3 to 10.7 m)

3.3 Flow rate: 0.42 to 4.3 GPM (0.08 to 1.0 m3/hr; 1.4 to 16.7 l/min)

3.4 Precipitation rate: 0.6 in/hr approx. (15 mm/hr)

3.5 Nozzle trajectory: 15 degrees approx.