

PGP-ADJ

PROFESSIONAL SERIES ADJUSTABLE-ARC GEAR-DRIVEN SPRINKLERS

The sprinkler shall be of the gear-driven, rotary type, capable of covering a _____ foot (meter) radius at _____ PSI (bars; kPa) with a discharge rate of _____ GPM (m³/hr; l/min). The sprinkler shall be available with twelve (12) standard nozzles discharging from 0.5 to 14.1 GPM (0.10 to 3.22 m³/hr; 1.7 to 53.7 l/m), or seven (7) low-angle nozzles discharging from 1.4 to 8.6 GPM (0.30 to 1.89 m³/hr; 4.9 to 31.4 l/m). The sprinkler also shall be available with eight (8) standard BLUE nozzles discharging from 1.2 to 9.8 GPM (0.27 to 2.22 m³/hr; 4.5 to 36.9 l/m). The sprinkler shall have radius adjustment capabilities by means of a stainless-steel nozzle retainer/radius adjustment screw.

The sprinkler shall be available in an adjustable arc part-circle configuration. The adjustable part-circle unit shall be minutely adjustable from 40° to 360°. The adjust-able unit shall be adjustable in all phases of installation (i.e., before installation, after installation while static, and after installation while in operation).

The sprinkler shall have a minimum of 4-inch (10 cm) pop-up stroke to bring the rotating nozzle turret into a clean environment. The sprinkler shall have a rubber cover firmly attached to the top of the riser. The sprinkler shall have an exposed surface diameter after installation of 1-3/4 inches (4 cm) and have an overall height of 7-3/8 inches (19 cm). The unit shall have a 3/4-inch Female National Pipe Thread (FNPT) inlet. The sprinkler shall be serviceable after installation by unscrewing the body cap, removing the riser assembly, and extracting the inlet filter screen.

The body and riser of the sprinkler shall be constructed of corrosion resistant, impact resistant, heavy-duty A.B.S. It shall have a stainless steel spring for positive re-traction of the riser when irrigation is complete.

The sprinkler shall be manufactured by Hunter Industries Incorporated, San Marcos, California.