



## Product Specifications

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### **MiniPro Gear Drive Rotor – Non-Potable / Professional Series Sprinkler**

Model # 13003-RCW, 13003-CV-RCW, 13003-NN-RCW, 13006-RCW, 13006-CV-RCW, 13006-NN-RCW, 13012-RCW, 13012-CV-RCW, 13012-NN-RCW

The sprinkler shall be of the gear-driven, rotary type for non-potable water, capable of covering a \_\_\_\_\_ foot (m) radius at \_\_\_\_\_ PSI (bar;kPa) with a precipitation rate of \_\_\_\_\_ inches per hour (mm/hour; l/m). The sprinkler shall be available with five (5) numerically coded nozzles with a trajectory of 25° discharging from .8 to 3.3 GPM (2.8–12.5 l/m). The sprinkler shall have radius adjustment capabilities by means of a stainless-steel nozzle retainer and radius adjustment screw.

The sprinkler shall perform as a continuous full circle and as an adjustable part-circle configuration in a single unit. The sprinkler shall be minutely adjustable from 40° to 360°. The sprinkler shall have a top arc adjustment carried out by rotation of a flat blade screwdriver within the top cover of the sprinkler. The sprinkler shall have an arc indication arrow on the top of the sprinkler displaying the water coverage pattern set. The unit shall be adjustable in all phases of installation (i.e., before installation, after installation while static, and after installation while in operation) by turning the sprinkler head riser.

The sprinkler shall have a minimum of 4-inch (10.2 cm) pop-up (13003-RCW) stroke to bring the rotating nozzle turret into a clean environment. The sprinkler shall also be available as a 6-inch (15.2 cm) pop-up (13006-RCW) and 12-inch (30.5 cm) pop-up (13012-RCW). The 4-inch (10.2 cm) pop-up (13003-RCW) shall have an overall height of \_\_\_\_\_ inches (cm). The 6-inch (15.2 cm) pop-up (13006-RCW) shall have an overall height of \_\_\_\_\_ inches (cm) and the 12-inch (30.5 cm) pop-up (13012-RCW) shall have an overall height of \_\_\_\_\_ inches (cm). The sprinkler shall have an exposed surface diameter after installation of \_\_\_\_\_ inches (cm). The unit shall have a ½-inch Female National Pipe Thread (FNPT) inlet, which may replace all standard mini rotors and pop-up sprays.

The sprinkler shall have a rubber cover firmly attached to the top of the turret. When specified, the sprinkler shall have a molded purple twist cap to indicate the use of non-potable water (13003-RCW, 13006-RCW, 13012-RCW). The sprinkler may be equipped with an optional drain check valve (13003-CV--RCW, 13006-CV-RCW, 13012-CV-RCW) to prevent low head drainage and be capable of checking up to 10 feet (3 m) in elevation change. The sprinkler shall also be available with no pre-installed nozzle (13003-NN-RCW, 13006-NN-RCW, 13012-NN-RCW).



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The sprinkler shall be serviceable after installation by unscrewing the body cap, removing the riser assembly, and extracting the inlet filter basket.

The body and riser of the sprinkler shall be constructed of corrosion resistant, UV resistant, impact resistant, heavy duty ABS. It shall have a stainless-steel spring for positive retraction of the riser when irrigation is complete. The sprinkler shall carry a seven-year trade, exchange warranty.

The sprinkler shall be manufactured by K-Rain Manufacturing Corporation of Riviera Beach, Florida.