



## Product Specifications

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### **RPS75i Gear Drive Rotor / Professional Series Sprinkler**

Model # RPS75i, RPS75i-CV, RPS75i-CV-SS, RPS75i-SS

The sprinkler shall be of the gear-driven, rotary type, capable of covering a \_\_\_\_\_ foot (m) radius at \_\_\_\_\_ PSI (bar;kPa) with a discharge rate of \_\_\_\_\_ inches per hour (mm/h;l/m). The sprinkler shall be available with nine (9) nozzles with a trajectory of 26° discharging from .6 to 9.7 GPM (2.3-36.7 l/m) and four (4) low-angle nozzles with a trajectory of 11° discharging from 0.4 to 4.0 GPM (1.5-15.1 l/m). The sprinkler shall have manual flow shut-off function and flow regulator mechanism to regulate distance and water flow proportionately. The flow regulator shall be turned to either increase or decrease flow rate up to fifty percent (50%) to deliver even distribution of water.

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 adjustable 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 pressure activated multi-function wiper seal that positively seals against the pop-up stem to reduce leaks caused by trapped debris under the wiper seal. The wiper seal shall be capable of sealing the sprinkler cap to sprinkler body under normal operating pressures. When specified, the sprinkler shall have a rubber cover firmly attached to the top of the turret. When specified, the sprinkler shall have a molded purple rubber cover to indicate the use of non-potable water (RPS75i-RCW).

The sprinkler shall have a minimum of 4-inch (10.1 cm) pop-up stroke to bring the rotating nozzle turret into a clean environment. Pop-up height as measured from the top of the cap at installation to the middle of the nozzle opening shall be \_\_\_\_\_ inches (cm). The sprinkler shall have an exposed surface diameter after installation of \_\_\_\_\_ inches (cm) and have an overall height of \_\_\_\_\_ inches (cm). The unit shall have a 3/4-inch (1.9 cm) 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 basket. The inlet filter basket shall protect the drive from clogging and shall be removed for cleaning and flushing the system. The sprinkler shall include a universal plastic adjustment tool.

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



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The sprinkler may be equipped with an optional drain check valve (RPS75i-CV) to prevent low head drainage and be capable of checking up to 10 feet (3 m) in elevation change. The sprinkler shall be available as a stainless-steel body (RPS75i-SS) for maximum durability and design flexibility. The sprinkler shall also be available with no pre-installed nozzle (RPS75i-NN).

The sprinkler shall carry a five-year trade, exchange warranty.

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