550R SERIES

Rotors shall be 550R gear-driven models as manufactured under the name of Irritrol or approved equal.

Construction: The sprinkler shall be of gear-driven rotor type, capable of covering a ___ foot radius at _____ psi with a discharge rate of _____GPM. Each sprinkler shall be shipped with a nozzle tree consisting of 12 nozzles (8 standard and 4 low angle; one nozzle may be shipped in the sprinkler). The nozzles shall be identified as .50 through 8 and 1.0 LA through 6.0 LA on the face of the nozzle. The nozzles shall be interchangeable. Use of the enclosed tool shall prevent damage to the nozzle when extracting. The nozzles shall discharge between 0.5 GPM and 10.0 GPM , depending on nozzle size and pressure at the base of the nozzle. The sprinkler shall have a radius adjustment screw capable of reducing the radius by up to 25%.

Performance: The sprinkler shall be fully adjustable from 40° to 360°. The sprinkler shall be adjustable in both dry and wet conditions. Adjustment shall be accomplished by inserting the 550R key (or standard screwdriver) into the arc adjustment slot and turning until the desired arc is reached. The sprinkler shall have a pop-up height of 5". The sprinkler shall have a ¾" NPT inlet. The sprinkler shall be serviceable from the top by unscrewing the cap and removing the internal assembly. The internals shall be removable as one unit capable of being disassembled to the riser and various parts attached to the riser assembly. An optional check valve feature, capable of holding back 8' of elevation change, shall be made available.