



## 570Z SERIES SPRINKLERS BIDDING SPECIFICATIONS

**Note: These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.**

The sprinkler shall be of the fixed-spray type designed for in-ground installation. The sprinkler shall be capable of accepting all 570 series spray, stream, flood, and microspray nozzles and male-threaded risers and extenders. The sprinkler shall operate within a 20-75 PSI (1.4-5.2 Bar) pressure range.

The sprinkler shall have an in-riser pressure regulator that maintains constant 30 PSI (2.5 Bar) outlet pressure to eliminate misting and fogging caused by pressures above 30 PSI (2.5 Bar). The sprinkler shall have a high-flow shut-off device built into the riser that restricts water loss if the nozzle is removed or damaged, eliminating potential erosion or safety issues. The shut-off device shall allow for nozzle and filter replacement or maintenance while the system is running. The body of the sprinkler shall be injection molded from ABS, a non-corrosive, impact-resistant, UV-resistant, heavy-duty plastic material.

The sprinkler shall have a color-coded riser screen filter, stainless steel or plastic, appropriately sized to prevent entry of foreign material to the nozzle. All parts shall be removable through the top of the sprinkler case. The sprinkler shall have a single-piece riser/body seal, that flushes only upon retraction to clear any debris from around the riser, and a stainless-steel spring to ensure positive retraction. The seal shall have no flush during pop-up to allow the maximum number of sprinklers per station. The seal shall be a single piece injection molded from Alcryl, a synthetic rubber. The sprinkler shall be capable of nozzle alignment via a two-piece ratcheting riser.

The sprinkler shall be available in models with a check valve or standard models shall be capable of accepting a check valve that will prevent low head drainage with elevation differences up to 10' (3m). A 1/2" (13mm) NPT plug shall be provided with all side inlet models to plug the unused inlet. A degradable flush plug and plunger shall be factory-installed to eliminate debris intrusion during installation and line flushing. A lavender effluent water cap shall be available, factory pre-installed.

A lavender effluent water cap cover shall also be available and capable of snap fitting to all sprinkler caps. 570Z-PRX-4P The sprinkler shall be of pop-up design with an overall body height of 6-1/4" (156mm), a body diameter of 1-3/8" (35mm), a cap diameter of 2" (50mm), and having a pop-up stroke of 4-1/4" (108mm). 570Z-PRX-6P and 570Z-PRX-6P SI The sprinkler shall be of pop-up design with an overall body height of 8-1/4" (210mm), a body diameter of 1-3/8" (35mm), a cap diameter of 2" (50mm), and having a pop-up stroke of 6-1/4" (156mm). The sprinkler shall be developed and manufactured by an ISO 9001-certified facility.

The sprinkler shall be a model number \_\_\_\_\_ and shall be manufactured by The Toro Company, Irrigation Division, Riverside, California, USA.

**END OF SECTION**