**HUNTER HIGH SPEED ST-1600HSB**

**ADJUSTABLE-ARC and FULL-CIRCLE
GEAR-DRIVEN SPRINKLER**

The sprinkler shall be of the gear-driven, rotary type, capable of covering a 107 to 165 foot (32.5 to 50.3 meter) radius at 60 to 120 PSI (4.0 to 8.0 bars; 400 to 800 kPa) with a discharge rate of 96.2 to 326.8 GPM (21.8 to 74.2 m3/hr; 364 to 1,237 l/min). The sprinkler shall include within its packaging six (6) interchangeable nozzles discharging 96.2 GPM to 326.8 GPM (21.8 to 74.2 m3/hr; 364 to 1237 l/min). The sprinkler shall be capable of both full-circle and adjustable part-circle configurations in one sprinkler. The adjustable part-circle feature shall be minutely adjustable from 40° to 360°. The sprinkler 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 ratcheting mechanism within the gear drive that allows full rotational movement of the nozzle turret assembly without damage to the sprinkler. The sprinkler shall have a brass adjustment knob that provides the means to change the sprinkler’s speed of rotation. The ST-1600HSB speed of adjustment range for a 180 degree arc setting shall be zero (no rotation) up to 65 seconds (at 120 psi, 8 bar, 800 kPa). The sprinkler shall have a minimum of 5-inch (13-cm) pop-up stroke to bring the rotating nozzle turret into a clean environment. The pop-up assembly shall be constructed of solid tubular stainless steel and have a solid brass machined base. The pop-up assembly shall have a stainless steel retraction spring. The pop-up assembly shall be protected from external contamination by a telescoping rubberized boot that is sealed at both ends. 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 14 inches (36 cm) and have an overall height of 22.5 inches (57 cm). The unit shall have a female 2-inch British Standard Pipe Thread (BSPT) inlet. The sprinkler shall be adaptable to 2” standard PVC piping with an optional adapter fitting. The body of the sprinkler shall be constructed of corrosion resistant, impact resistant, heavy-duty A.B.S.

The sprinkler shall carry a five-year component exchange warranty (not prorated). The sprinkler shall be provided by Hunter Industries Incorporated, San Marcos, California.