

HUNTER I-40-ON

INSTITUTIONAL SERIES

FULL-CIRCLE

GEAR-DRIVEN SPRINKLER

The sprinkler shall be of the gear-driven, rotary type, capable of covering a _____ foot (meter) radius at _____ PSI (bars; kPa) with a discharge rate of _____ GPM (m³/hr; l/min). The sprinkler shall be available with six (6) color-coded nozzle sets discharging 13.0 GPM to 33.7 GPM (2.68 to 7.65 m³/hr; 44.7 to 127.6 l/min). The sprinkler shall have radius adjustment capabilities, by means of a stainless-steel nozzle retainer/radius adjustment screw, on the main nozzle only.

The sprinkler shall be available in a full-circle configuration only and shall have dual opposing nozzles. The sprinkler shall be equipped with a self-adjusting stator to ensure constant rotation speed regardless of nozzle installed. The sprinkler shall have a non-strippable drive mechanism that allows the nozzle turret to be turned during operation, without damage.

The sprinkler shall be equipped with a drain check valve to prevent low head drainage, and be capable of checking up to 15 feet (4.5 m) in elevation change. The sprinkler shall have a minimum of 3-1/2-inch (9 cm) pop-up stroke to bring the rotating nozzle turret into a clean environment. . The sprinkler shall be available as an a 6-inch (15cm) pop-up (I-40-06-ON). The sprinkler shall have a rubber cover firmly attached to the top of the riser. When specified, the sprinkler shall have a cover molded of purple Alcryn rubber to indicate the use of reclaimed water. The rubber cover shall be surrounded by a protective rubber boot when sprinkler is in the retracted position.

The sprinkler shall have an exposed surface diameter after installation of 2 inches (5 cm) and have an overall height of 7-7/8 inches (20 cm). The unit shall have a 1-inch Female National Pipe Thread (FNPT) inlet. When specified, the unit shall have a 1-inch Female British Standard Pipe Thread inlet.

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

The body of the sprinkler shall be constructed of corrosion resistant, impact resistant, heavy-duty A.B.S. It shall have a stainless steel spring for positive retraction of the riser when irrigation is complete. The riser shall be encased in stainless steel. The sprinkler shall carry a five-year, exchange warranty (not prorated).

The sprinkler shall be manufactured by Hunter Industries Incorporated, San Marcos, California.