



## IRRIGATION

### PART 1 - PRODUCTS

#### 1.1 ROTARY SPRINKLER HEAD

- A. ROTARY SPRINKLER HEAD(S): shall be the 7500 (Options: RW) as manufactured by Weathermatic Sprinkler Division of Telsco Industries, or approved equal. Sprinkler shall be a 4 ½" pop-up type (7500 stainless steel & check valve, 7503 high speed, stainless steel, & check valve) with positive gear drive for full-circle and part-circle coverage and 1" NPT riser connection.
  - 1. Head shall be made of high-strength, non-corrosive plastics and metals to ensure long-life performance including stainless steel sleeving option on the nozzle turret and riser (7500, 7503). The sprinkler head shall have a sealed, lubricant-packed drive housing to assure long-life performance. Sprinkler head shall have a keyed locking cover and include a (Option: A Non-potable Alert) rubber cover. Sprinkler head shall utilize a pressure activated multi-function wiper seal in conjunction with a stainless steel spring to assure positive head retraction. A slip clutch shall be included to protect gear train from damage. A check valve shall be provided to prevent low head drainage.
- B. Sprinkler shall be adjustable without tools to cover a part circle between 40° and 310° or a continuous 360° rotation in same rotor. The left and right sides of an arc shall be adjustable with the adjustable Click-Set® Disk. When the adjustable arc disc is used, the sprinkler shall automatically readjust to the defined pattern if the nozzle turret is manually rotated out of position. The radius shall be adjusted by a stainless steel diffuser pin.
- C. Radius range shall be 36 to 74 feet. The sprinkler shall have an automatic adjusting stator to correctly match the flow required at the impeller with the nozzle selected and to regulate speed of rotation.
- D. The rotary sprinkler head shall have a manufacturer's limited warranty of not less than five (5) years.