

Technical Specifications

6000 SERIES ROTARY SPRINKLER

FEATURES

- Bayonet protective cap.
- NIR2 feature (Nozzle Insertion/Radius Reduction) on all models eliminates the need to remove the cap for nozzle adjustments.
- Eight interchangeable Acu-Cover nozzles ranging from 1.0 to 9.5 gpm (0,23 – 2,16 m3/hr).
- Seven optional low-angle nozzles (13°) for windy areas or for throwing under trees.
- Proven reliability of the water driven gear motor.
- 6012 Pro pops up a full 12" (30,5 cm). Ideal for shrubs and ground cover areas, at the base of hillsides where risers are not appropriate and where liability is a concern.
- Click-Set® collars are quick and easy to adjust.
- Continuous 360° rotation or part-circle adjustable 40° to 310°.
- Ratcheting slip clutch protects gears and motor from damage while adjusting turret for part-circle adjustments - wet or dry.
- Wrench, piston clamp and installation instructions included (Model 6001 has no clamp).

CONSTRUCTION

- High strength non-corrosive plastics and metals used throughout sprinkler
- Sealed, lubricant packed drive housing provides long life performance

6000 SERIES SPECIFICATIONS

MODEL	DESCRIPTION
• 6000E	6000E-Pro
• 6000RW	6000-Pro for Reclaimed Water
• 6000-7	6000-Pro with #7 Nozzle, Factory Installed
• 6001	6000-Pro Shrub Head
• 6002	6000-Pro with ADV
• 6005	6000-Pro with Stainless Steel Riser and ADV
• 6012	6000-Pro 12" High-pop, with ADV

ACCESSORIES

MODEL	DESCRIPTION
• 6090-6KSRS	Lavender Cover
• 6096-6KSRS	Wrench
• 6099-6KSRS	Anti-drain valve

6000 SERIES DIMENSIONS

MODEL	POP-UP HEIGHT	BODY HEIGHT
• 6000E	4" (10 cm)	7 3/8" (18.7 cm)
• 6000RW	4" (10 cm)	7 3/8" (18.7 cm)
• 6000-7	4" (10 cm)	7 3/8" (18.7 cm)
• 6005	4" (10 cm)	7 3/8" (18.7 cm)
• 6001	4" (10 cm)	7 1/2" (19 cm)
• 6012	12" (30.5 cm)	16 7/8" (43 cm)

- EXPOSED CAP DIAMETER: 1 7/8" (4.7 cm)
- CAP DIAMETER: 2 7/8" (7.3 cm)
- INLET SIZE: 3/4" (19 mm) Female (NPT and BSP)
- SCREEN MESH: .045 sq. in. (1.14 mm²) / 1150 micron



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ROTARY SPRINKLER HEAD(S) Sprinkler shall be of water driven gear type, capable of covering a _____ foot radius at _____ PSI with a discharge rate of _____ GPM. The sprinkler shall have 8 interchangeable Acu-Cover Regular Angle 25° nozzles and 7 Low Angle 13° Acu-Cover nozzles ranging from 1.0 to 9.5 GPM (0,23 to 2,16 m3/hr)

Sprinkler shall be adjustable without tools to cover a part circle between 40° and 310° or a continuous 360° rotation. 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.

Sprinklers shall have a pop-up height of 4" and shall have an overall height of 7-3/8" and the 6012 model shall have a pop up height of 12" and overall height of 16-7/8". The sprinkler shall have a 3/4" female inlet. The sprinkler shall have a one-piece, locking, rubber cover. All internal parts shall be removed as one piece from the top of the sprinkler by unscrewing the canister top.

Sprinkler shall have a bypass valve that will standardize sprinkler rotation speed regardless of nozzle size.

Sprinkler shall have a pressure activated multi-function wiper seal that positively seals against the pop-up stem to keep debris out of the rotor and to clean debris from the pop-up stem as it retracts. This wiper seal shall prevent sprinkler from sticking up and be capable of sealing the sprinkler cap to sprinkler body under normal operating pressures.

A filter screen shall prevent debris from entering the sprinkler. The screen is designed for minimal flow restriction. The sprinkler shall be constructed of high-impact corrosion-resistant plastic and all metal parts will be constructed of stainless steel.

Sprinkler shall be manufactured by Weathermatic, Garland, Texas

OPTIONAL FEATURES:

6000, 6000RW, 6005, 6012 Series Sprinkler with ADV unit

When so indicated on the design, the sprinkler shall incorporate an anti-drain valve and a heavy-duty spring to hold back 10' (3m) of elevation change to prevent puddling, run-off and erosion caused by low-head drainage.

Sprinkler shall be manufactured by Weathermatic, Garland, Texas

6005 Series Sprinkler Stainless Steel

When so indicated on the design, the rotor shall have a stainless steel covered nozzle turret and riser stem.

This riser stem shall be tapered and conform to the standard plastic riser in all other ways

Sprinkler shall be manufactured by Weathermatic, Garland, Texas

6000RW Series Sprinkler Non-Potable

When so indicated on the design, the sprinkler shall have a purple rubber cover to indicate to the user that non-potable water is being used. There shall be no difference between the black and the purple covers, except for the color.

Sprinkler shall be manufactured by Weathermatic, Garland, Texas

6001 Shrub Series Full and Reversing Part Circle Sprinkler

When so indicated on the design, the shrub model shall contain all of the specifications of the standard 5500. When the anti-drain valve (ADV) model is indicated on the design, the device shall hold back ten feet of elevation change to prevent puddling, run-off and erosion caused by low-head drainage.

WARRANTY: The rotary sprinkler head shall have a manufacturer's limited warranty of not less than five (5) years.