



Product Specifications

Professional Rotary Nozzle Series

RN100 ADJ-90-270, RN100 FIX 360, RN200 ADJ-90-270, RN200 FIX 360, RN300 ADJ-90-270, RN300 FIX 360, RNS-RES-515, RNS-LES-515, RNS-SS-530

The Sprinkler nozzle shall be of the viscous fluid brake rotary type and be a multi-stream, multi-trajectory rotating stream sprinkler. The nozzle shall be available in nine (9) models in full or part circle fixed and adjustable water pattern, the sprinkler shall be capable of covering a _____ foot radius at _____ psi pressure with an equivalent full circle discharge rate of _____ gpm. Side Strip sprinklers shall be capable of irrigating a rectangular area of _____ feet x _____ feet at _____ psi. Left strip and right strip sprinklers shall be capable of irrigating a rectangular area of _____ feet x _____ feet at _____ psi.

The Sprinkler assembly models shall produce and maintain a matched precipitation rate no greater than 0.6" per hour throughout the arc adjustment range and radius adjustment range, (up to 25% of radius reduction), when spaced at 50% of wetted diameter. The low application rate shall reduce wasted water caused by runoff and allow for maximum soil absorption by ensuring deep root watering.

The part circle sprinkler shall have an infinitely adjustable arc from 90° to 270°. The full circle sprinkler shall irrigate a full 360°. The 90° to 270° model shall not require coverage from adjacent sprinklers closer than 3' from the head.

Full or part circle sprinklers shall be capable of up to 25% radius reduction using a plastic flow hand-adjustment band on the lower part of the nozzle.

The Sprinkler assembly shall have a "Double-Pop" up design to prevent dirt intrusion upon retraction. The nozzle arc shall be hand-adjustable, or a special tool can be used. The Sprinkler assembly shall have a removable inlet filter for easy cleaning.

The Sprinkler itself shall pop-up at approximately 15 psi of water pressure. Upon cessation of water pressure, the sprinkler itself shall retract. When installed in a pop-up body, the nozzle deflector itself shall pop-up after the body stem is almost fully extended. Upon decreasing pressure, the nozzle shall pop-down before the pop-down of the body stem is complete.

The nozzle shall be molded with high-impact engineered resin and plastic for durability.



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Sprinkler Assembly models:

- RN100 ADJ-90-270 Color: dark green;
- RN100 FIX 360 Color: light green;
- RN200 ADJ-90-270 Color: dark blue;
- RN200 FIX 360 Color: light blue;
- RN300 ADJ-90-270 Color: dark grey;
- RN300 FIX 360 Color: light grey;
- RNS-RES-515 right end strip; burnt orange
- RNS-LES-515 left end strip; olive
- RNS-SS-530 side strip; brown

All Sprinkler assembly models shall be able to be installed in popup bodies having a 5/8-27 UNS male threaded stem, at all common popup heights. Sprinkler Assembly shall also be able to be attached to a 1/2 FIPT x 5/8-27 UNS male threaded adapter for use on fixed pipe risers.

All Sprinkler assembly models shall be able to be installed in popup spray head bodies having a 5/8-28 UNS female threaded stem, at all common popup heights.

Sprinkler assembly shall also be able to be attached to a 1/2 FIPT x 5/8-28 UNS female threaded adapter for use on fixed pipe risers.

The Sprinkler assembly shall be manufactured by K-Rain Manufacturing Corporation of Riviera Beach, Florida.