

Xeri-Pop™ Micro Spray

Durable Micro-Spray for Low-Volume Irrigation

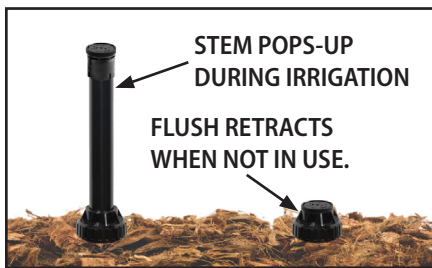
Rain Bird's Xeri-Pop micro-spray is the only pop-up spray that works in low-volume, low-pressure applications.

Xeri-Pops can be installed nearly anywhere, making them a great out of sight solution in vandal-prone areas or else small, odd-shaped planting beds.

The Xeri-Pops in combination with an SQ nozzle meets micro irrigation system requirements with less than 26 gph flow rate at 30 psi.

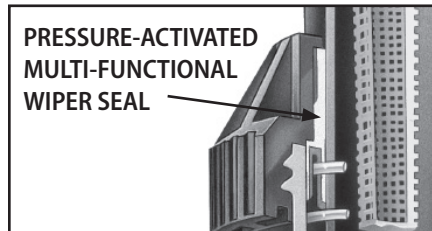
Features

- Rain Bird's Xeri-Pops come with a pre-installed SQ Series nozzle with a Half-square spray pattern (SQ-HLF).
- The Half-square spray pattern and pressure compensation increase efficiency and control, reducing overspray.
- The Xeri-Pop's stem with an SQ Series nozzle pops up to water and then pops back down to flush retract at system shut off.

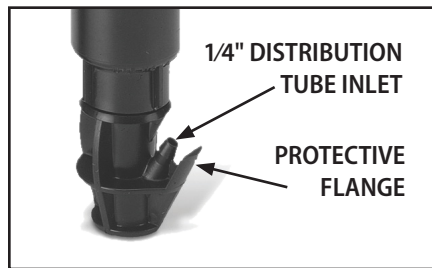


- The Xeri-Pop's retracted stem eliminates the need for unsightly black poly risers in the landscape.

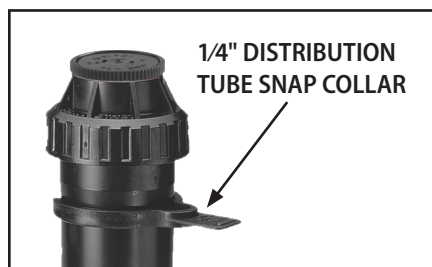
- The Xeri-Pop's precision designed wiper seal allows reliable pop-up and pop-down between 20 and 50 psi.



- With Xeri-Pop's edge-to-edge coverage you can easily design and install in small spaces.
- For additional flexibility, the Rain Bird SQ Nozzle adjusts from a 2.5' (0.8 m) throw to a 4' (1.2 m) throw.
- Rain Bird Xeri-Pops connect to the water supply via 1/4" distribution tubing instead of threading onto conventional 1/2" fittings.
- The 1/4" inlet of the Xeri-Pop limits the amount of flow available to the nozzle. Exceeding a flow of .60 GPM may cause too much frictional pressure loss.



- Xeri-Pops also have a protective flange to the bottom of the head to help protect the barb from possible damage.
- Maintenance caused when conventional micro sprays with small diameter threads snap off adapters is eliminated.
- A durable, plastic snap-collar (on 4" and 6" models) secures the 1/4" tubing to the outside of the Xeri-Pop case



How to Specify

XP - 600X

Model
Xeri-Pop

Pop-Up Height
400X = 4" Pop-up
600X = 6" Pop-up
1200X = 12" Pop-up

Note: When specifying the XP Series Xeri-Pop units, make sure to specify the Rain Bird SPB-025 1/4" connectors and 1/4" distribution tubing.

Specification of Rain Bird tested ancillary products will assure that XP Series design meets the performance characteristics indicated in this publication. Use of other brand 1/4" connectors can lower flow rates and compromise the performance of the XP Series units.

Operating Range

- Pressure: 20 to 50 psi (1.4 to 3.5 bar)
- Filtration: 40 mesh (when using SQ-HLF)

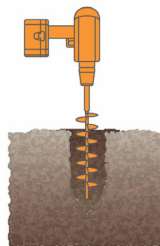
Specifications

- The sprinkler body, stem and base shall be constructed of heavy-duty, ultraviolet resistant plastic.
- The sprinkler shall have a heavy-duty stainless steel retracting spring for positive pop-down and it shall have a ratcheting system for easy alignment of the pattern.
- The Xeri-Pop shall have a soft elastomer pressure activated wiper seal for cleaning debris from the pop-up stem as it retracts into the case to prevent the Xeri-Pop from sticking up to minimize "flow-by".
- The Xeri-Pop shall have an SQ Series nozzle with half spray pattern pre-installed.
- The Xeri-Pop shall have a bottom inlet barb to accept 1/4" distribution tubing and shall operate between 20 and 50 psi.
- The 4" and 6" models shall have a snap collar to secure the 1/4" distribution tubing to the body.
- The Xeri-Pop's 1/4" Distribution Tubing can readily connect to 1/2" or 3/4" polyethylene tubing or to a multi-outlet manifold (EMT- 6XERI).
- Connections to polyethylene tubing are accomplished with either an SPB-025 1/4" Self-piercing barb Connector or an XBF1CONN 1/4" barb Connector
- The Xeri-Pop shall be manufactured by Rain Bird Sprinkler Mfg. Corp., Glendora, California.

Xeri-Pops Installation

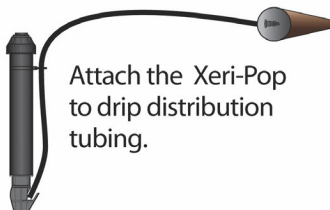
1

Dig a small hole where each Xeri-Pop will be located.



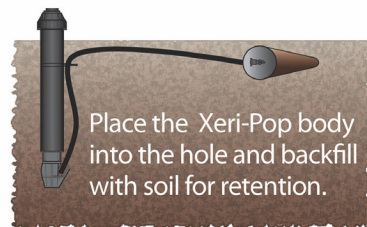
2

Attach the Xeri-Pop to drip distribution tubing.



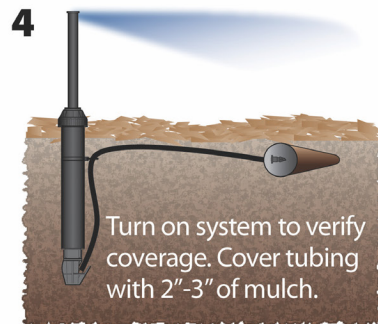
3

Place the Xeri-Pop body into the hole and backfill with soil for retention.



4

Turn on system to verify coverage. Cover tubing with 2"-3" of mulch.



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