



A5 PC™ Series Pressure Compensating Ag Dripline



Next generation drip technology from the world leader in irrigation

Engineered, manufactured and tested with your needs in mind

You now have a choice when it comes to flat-emitter, pressure-compensating hard hose dripline. Rain Bird engineers leveraged over 75 years of irrigation expertise to develop state-of-the-art Ag dripline that meets or exceeds the performance of any Ag dripline on the market. Rain Bird® A5 PC™ Dripline is designed to address the key issues confronting growers today:

Reliable, steady flow

A5 PC's grit-tolerant, clog-resistant design ensures that water will keep flowing to your crops, whether it is being drawn from a well, pond, reservoir or canal. By minimizing clogging and maintenance, it saves you time and money.

High uniformity and efficiency

The technologically advanced pressure-compensating design of the A5 PC emitter maximizes uniformity and water-use efficiency, even with substantial elevation changes. By reducing the use of water, chemicals and fertilizer, you get increased crop output with significantly lower input.

Maximum durability

Growers demand reliable performance in the harshest conditions. A5 PC dripline is engineered and tested to stand up to harsh chemicals, UV radiation and damage that can be caused by farm equipment, giving you years of worry-free performance.

Application versatility

A5 PC dripline is ideally suited for all vineyard and orchard applications, including grapes, hops, stone fruits, almonds, walnuts, pecans and more.

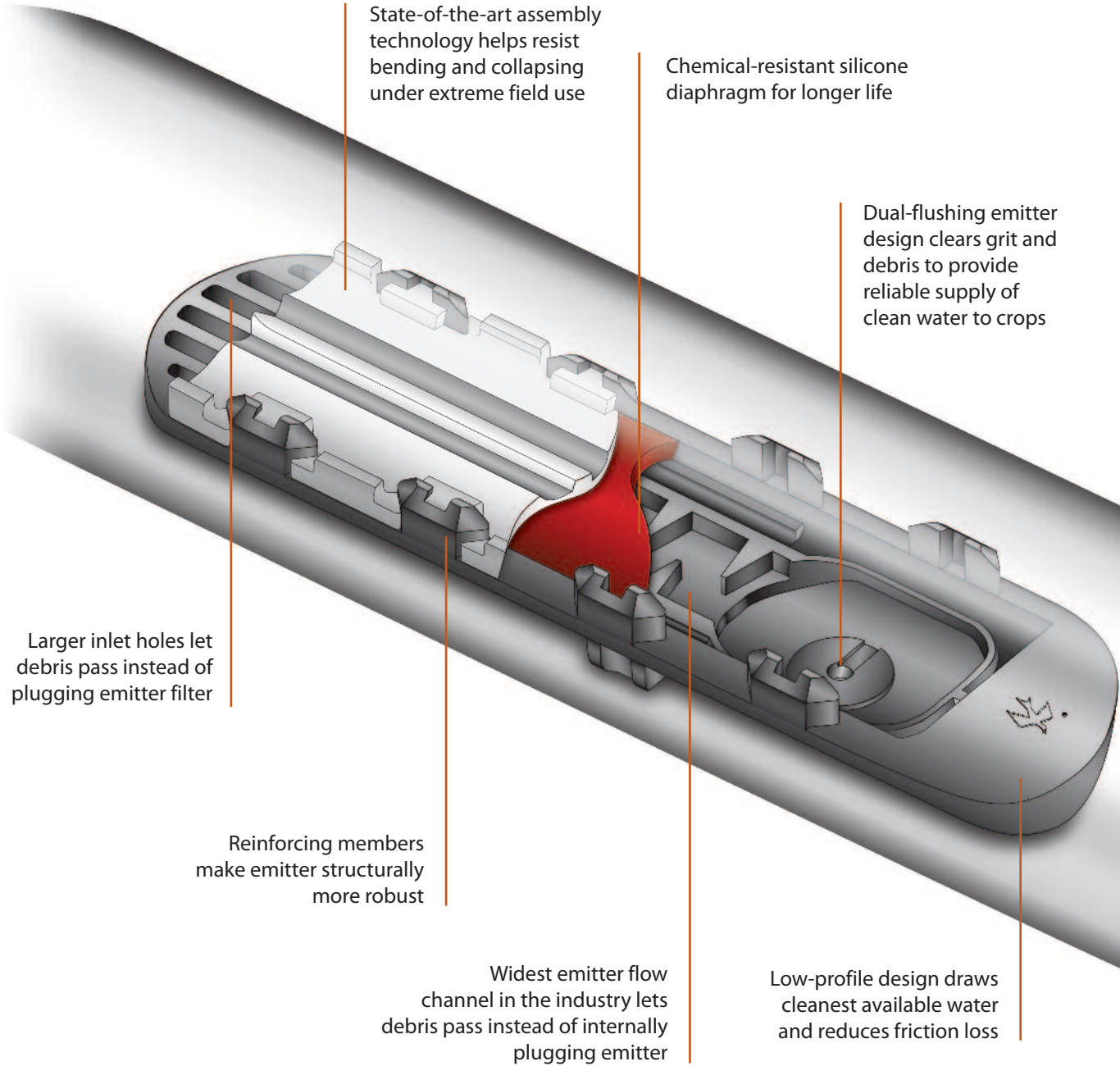
Made in the USA

A5 PC pressure compensating agricultural dripline is 100% designed, engineered, manufactured and tested in the USA.



Rain Bird® A5 PC™ Dripline with GritX™ Emitter Technology: Superior design for superior reliability in the field

GritX™ Emitter Technology drives the advanced performance of Rain Bird's low-profile A5 PC emitter, providing you the ultimate in reliable performance and uniform water distribution.

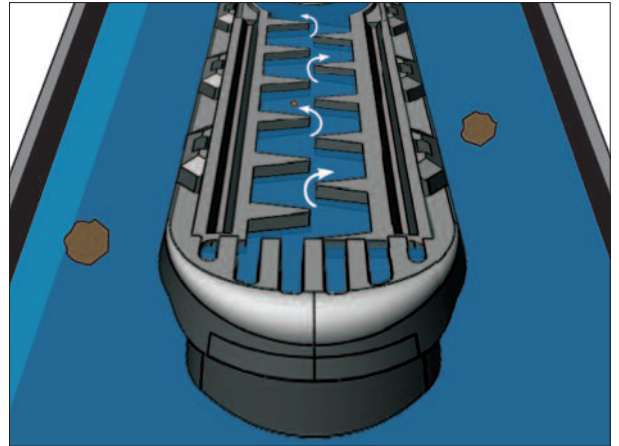


Rain Bird® GritX™ Emitter Technology removes the obstacles to reliable irrigation

Growers face difficult challenges in the field every day. Efficient, worry-free irrigation shouldn't be one of them. That's why Rain Bird engineers developed grit-resistant, self-cleaning GritX Emitter Technology.

How it works

GritX Emitter Technology ensures a steady flow of water to your crops by drawing clean water from the center of the tubing. Most grit and debris flow along the tubing wall without entering the emitter. Any debris that enters is easily passed through the emitter's large inlet holes and along the wide flow channel – the widest in the industry. The dual-flushing design forces grit out of the emitter automatically, preventing clogs that can potentially harm your crops. The result: consistent flows and even distribution of water that you can rely on.

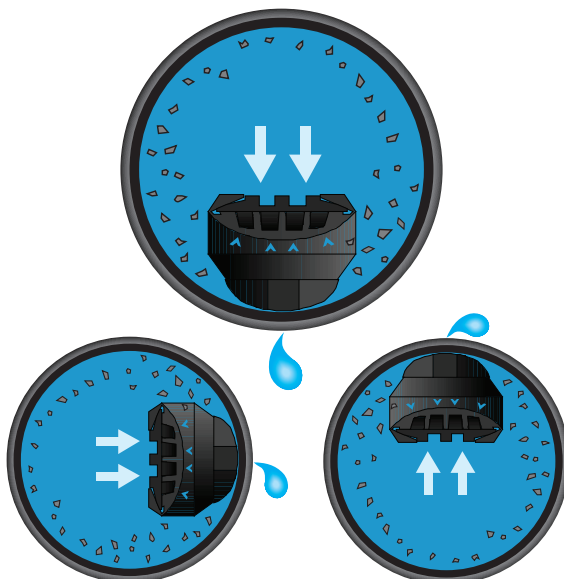


Industry's widest flow path for superior clog resistance.

Rain Bird® GritX™ Emitter vs. Typical Round Emitter

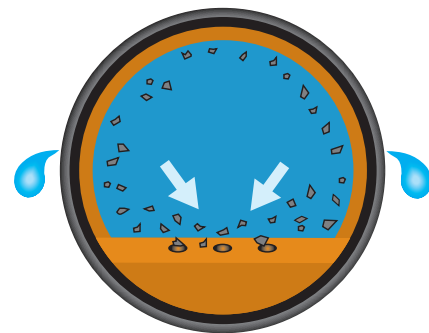
Flat emitter

Only allows the cleanest available water to enter from the center of the tubing, no matter what the position of the emitter.



Round emitter

Draws water near the inside wall of the tubing where water is dirtiest, creating a greater probability of plugging and inconsistent irrigation.



Key advantages

Greater uniformity

Pressure-compensating emitter performance over the entire lateral length ensures consistent, accurate watering for healthier crops.

Exceptional durability

Structurally robust design stands up to abuse from tractors and harvesting equipment. Specially formulated silicone diaphragm resists damage from chemicals and grit, adding to durability and long-term, worry-free performance.

Unmatched UV protection

Manufactured from a unique, field-proven resin blend that holds up against destructive UV radiation better than the competition. Resists cracking and splitting to deliver years of reliable operation.

Longer runs, lower costs

Low-profile emitter design results in reduced friction loss, allowing longer maximum lateral runs and more cost-effective system design.

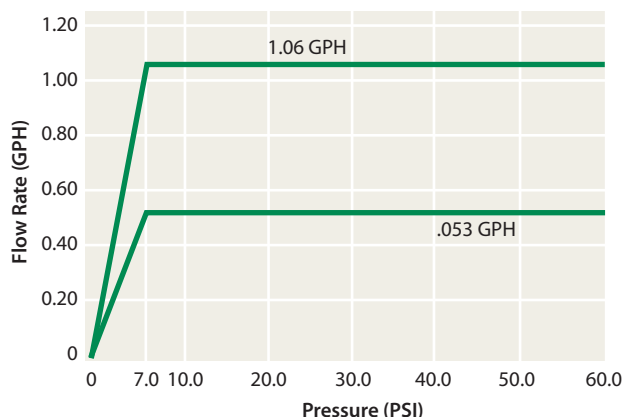
Up to 15% energy savings

Lower minimum compensating pressure and reduced friction loss decreases energy requirements by up to 15%. (Based on 18 mm tubing, 0.5 gph emitter flow rate, 36" emitter spacing and 880' dripline run length.) A5 PC requires 8.3 psi less operating pressure than cylindrical style emitters saving growers up to 15% energy costs annually.

Outstanding service and support

Over 75 years of Ag irrigation expertise and a strong dealer network to assist you with design, installation, service and support of your system.

A5 PC™ Flow vs. Pressure



Specifications

Applications:

Flat, sloped or rolling terrain
Low-quality water conditions

Nominal Flow Rates:

0.42 GPH, .53 GPH, 0.61 GPH, 1.06 GPH

Dripper Spacing:

18", 24", 30", 36", 42", 48", 60"

Minimum Regulating Pressure:

7 psi

Maximum Regulating Pressure:

60 psi

Required Minimum Filtration:

120 mesh (125 micron)

Tubing Dimensions:

16 mm
(ID 0.540" (13.72 mm), wall thickness 0.035" (0.89 mm))
(ID 0.540" (13.72 mm), wall thickness 0.045" (1.14 mm))
18 mm
(ID 0.619" (15.72 mm), wall thickness 0.045" (1.14 mm))
20 mm
(ID 0.687" (17.45 mm), wall thickness 0.050" (1.27 mm))

Customer Satisfaction Policy:

Rain Bird's best-in-industry Customer Satisfaction Policy provides 5 years of protection on product workmanship and 7 years on environmental stress cracking.

Visit www.rainbird.com/A5PC for performance curves.

A legacy of agricultural innovation

Rain Bird has a rich history serving the agricultural community. Beginning in 1933 with the invention of the original horizontal action impact drive sprinkler by a Glendora, California citrus farmer (U.S. Patent #1,997,901), Rain Bird revolutionized the food production industry and ushered in a new era in irrigation, worldwide. The original impact sprinkler was designated a historic landmark in 1990 by the American Society of Agricultural Engineers.



Rain Bird has been awarded more than 130 patents for innovative irrigation products and technologies. Today, Rain Bird products are used in over 130 countries around the world to irrigate nearly every imaginable crop. Rain Bird is committed to The Intelligent Use of Water™, bringing its expertise and knowledge to further increase irrigation efficiency, minimize maintenance costs and enhance the health of crops.

Visit www.rainbird.com/A5PC for more information.



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