

XFA 13mm Dripline

With Pressure Compensating, Anti-Siphon Emitters



13mm Elbow Fitting with ratchet clamps



13mm Straight Fitting with ratchet clamps



13mm Tee Fitting with ratchet clamps

Applications

Rain Bird® XFA dripline is ideal for on-surface, densely planted beds. XFA dripline features emitters with one of the widest pressure compensating ranges available resulting in consistent emitter flow with elevation changes and long lateral run lengths. Advanced pressure compensation performance leads to better irrigation uniformity throughout the zone. The XFA dripline emitter also includes anti-siphon functionality to resist infiltration of grit and debris into the emitter at the end of each irrigation cycle. The emitter includes inlet filters and high turbulence from an extra-large labyrinth to further reduce clogging.

Features

Simple

- Through the use of a proprietary tubing material blend, XFA dripline has exceptional flexibility and kink resistance. XFA dripline has a bend radius of 4" allowing installation in narrow zones with tight curves.
- The low profile XFA emitter design reduces pressure loss resulting in lateral run lengths over 25% longer than competitor products
- Accepts industry standard 13mm insert fittings

- Available in a variety of flow rates, emitter spacings, and coil lengths
- Both brown and lilac colors available

Reliable

- The pressure compensating XFA emitter design provides a consistent flow from every emitter with changes in elevation and throughout the entire lateral resulting in reliable and consistent irrigation throughout the zone
- Anti-siphon protection avoids clogged emitters by resisting ingestion of grit and debris into the emitter at the end of each irrigation cycle

Operating Range

- **Pressure:** 50 to 350 kPa (7.25 to 50 psi)
- **Flow Rates:** 1.5, 2.0, and 3.5 L/Hr
- **Filtration Requirement:** 120 mesh
- **Water Temperature:** Up to 43° C (110° F)

Specifications

- **OD:** 15.3mm
- **ID:** 13mm
- **Wall Thickness:** 1.14mm
- **Emitter Spacing:** 30 and 40cm
- **Coil Lengths:** 50, 100 and 200m
- **Tube Color:** Brown and Lilac

Dripline Models

- XFA1530100
- XFA1530200
- XFA1540100
- XFA1540200
- XFA2030050
- XFA2030100
- XFA2030200
- XFA2040050
- XFA2040200
- XFA3530050
- XFA3530200
- XFA3540050
- XFA3540200
- XFAL1530100
- XFAL1530200
- XFAL1540100
- XFAL1540200
- XFAL2030050
- XFAL2030100
- XFAL2030200
- XFAL2040050
- XFAL2040200
- XFAL3530050
- XFAL3530200
- XFAL3540050
- XFAL3540200



XFA Pressure Compensating, Anti-Siphon Emitter

How to Specify

XFA-L-20-30-200

Model
Xeri-Flex
Anti-Siphon

XFA = Brown
XFAL=Lilac
Colored
Models for
Non-Potable
Water Sources

Coil Length
050 = 50m
100 = 100m
200 = 200m

Emitter Spacing
30 = 30cm
40 = 40cm

Flow Rate
15 = 1.5 L/Hr
20 = 2.0 L/Hr
35 = 3.5 L/Hr

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Specifications

The flexible brown dripline tubing shall have factory installed pressure compensating, inline emitters spaced evenly per listed spacing. The flow rate from each installed inline emitter shall be 1.5, 2.0, or 3.5 L/Hr when the inlet pressure is between 50 to 350 kPa.

The inline emitter shall have an extra long labyrinth to reduce flow while creating high turbulence to avoid grit accumulation in the emitter.

The inline emitter shall include a diaphragm design that delivers anti-siphon functionality to protect each emitter from ingesting grit and debris at the end of each irrigation cycle by sealing the emitter when there is negative pressure in the tube. The inline emitter shall have a long outlet pool with a raised wall design to maximize the distance between the emitter outlet and the tube hole to further reduce grit and debris suck-back.

XFA dripline shall be manufactured in Australia and sold by Rain Bird Corporation.

Maximum Lateral Run Lengths for Flat Terrain

Meters			
Inlet Pressure (kPa)	Nominal Flow		
	1.5 L/Hr	2.0 L/Hr	3.5 L/Hr
30cm Spacing			
75	58	48	33
100	74	61	42
150	94	78	54
200	108	89	62
250	120	99	68
300	129	107	74
350	138	113	78
40cm Spacing			
75	74	61	42
100	94	78	54
150	120	99	69
200	138	114	80
250	153	126	88
300	166	137	95
350	176	145	101

Pressure Conversion Table		
kPa	Bar	psi
50	0.5	7.25
100	1	14.5
150	1.5	21.8
200	2	29
250	2.5	36.26
300	3	43.5
350	3.5	50.8

LEED Compliant



Contains at least 20% post consumer recycled polyethylene which qualifies for LEED credit 4.2.



XFA Dripline features laser etched product details on every coil.

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