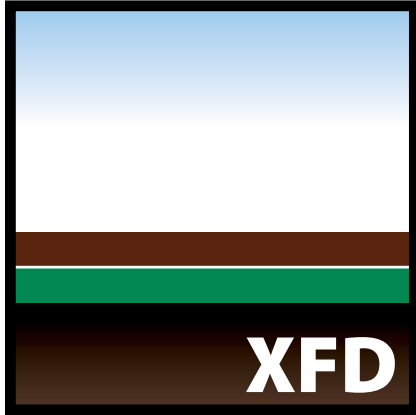


XFD Dripline With Greater Flexibility

Dripline Series



ON-SURFACE

Applications

Rain Bird XFD Dripline is the latest innovation in the Rain Bird Xerigation® family. Because it is the most flexible, kink-resistant tubing available, it's ideal for irrigating areas where traditional drip tubing is difficult to install. XFD dripline is perfect for small, narrow and tight planting areas, as well as areas with tight curves or many switchbacks.

Because it accepts 17mm insert fittings, XFD Dripline Insert Fittings, Rain Bird Easy-Fit compression fittings and LOC fittings makes it easier than ever to design with, and install Rain Bird dripline. XFD Dripline is simple, reliable and durable.

Features

Simple

- Rain Bird's patent pending Copper Shield™ Technology protects the emitter from root intrusion without requiring EPA-approved handling procedures unlike some manufacturers who use harsh chemicals or treated filters to protect the emitter from root intrusion.
- Through the use of a proprietary tubing material, the XFS Dripline with Copper Shield™ is the most

flexible dripline tubing in the industry making it the easiest sub-surface dripline to design with and install.

- It accepts Rain Bird Easy Fit Compression Fittings, XF Dripline Barbed Insert Fittings and other 17 mm barbed insert fittings.
- Rain Bird's low-profile emitter design reduces in-line pressure loss, allowing longer lateral runs, simplifying design and reducing installation time.
- Variety of emitter flow rates, emitter spacing and coil lengths provide design flexibility for either sub-surface turf grass or sub-surface shrub and groundcover applications.

Reliable

- XFS with Copper Shield™ emitters are protected from root intrusion by Rain Bird's patent-pending Copper Shield™ Technology resulting in a system that does not require maintenance or replacement of chemicals to prevent root intrusion.
- The pressure-compensating emitter design provides a consistent flow over the entire lateral length ensuring higher uniformity for increased reliability in the pressure range of 8.5 to 60 psi .

Durable

- Dual-layered tubing (copper over black) provides unmatched resistance to chemicals, algae growth and UV damage.
- Grit Tolerant: Rain Bird's proprietary emitter design resists clogging by use of an extra-wide flow path combined with a self-flushing action.

Operating Range

- **Pressure:** 8.5 to 60 psi (,58 to 4,14 bar)
- **Flow rates:** 0.6 and 0.9 gph (2,3 l/hr and 3,5 l/hr)
- **Temperature:**
Water: Up to 100°F (37,8° C)
Ambient: Up to 125°F (51,7° C)
- **Required Filtration:** 120 Mesh

Specifications

- **OD:** 0.634"
- **ID:** 0.536"
- **Thickness:** 0.049"
- **12", 18", 24"** (30,5 cm, 45,7 cm, 61,0 cm) spacing
- **Available in 100' and 500'** (30,5 m, 76,2 m and 152,4 m) coils
- **Coil Color:** Copper

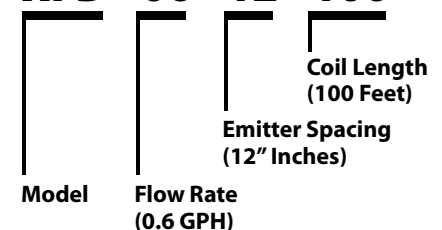


XFD Dripline Models

XFD-06-12-100	XFD-09-12-500
XFD-06-12-250	XFD-09-18-100
XFD-06-12-500	XFD-09-18-250
XFD-06-18-100	XFD-09-18-500
XFD-06-18-250	XFD-09-24-500
XFD-06-18-500	XFDP-06-12-500
XFD-06-24-500	XFDP-06-18-500
XFD-09-12-100	XFDP-09-12-500
XFD-09-12-250	XFDP-09-18-500

How To Specify

XFD - 06 - 12 - 100



XFDP = Purple to indicate models that use non-potable water

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Specifications

The flexible polyethylene tubing shall have factory installed pressure-compensating, inline emitters installed every 12-24 inches. The flow rate from each installed inline emitter shall be 0.6 or 0.9 gallons per hour when inlet pressure is between 8.5 and 60 psi.

The inline emitter diaphragm shall have a pressure-regulating diaphragm with a spring action allowing it to self-rinse if there is a plug at the outlet hole. The bend radius shall be 3 inches whether bending the tubing with the natural bend of the coil or against it. The inline emitter inlet shall be raised off the inside tube wall to minimize dirt intrusion.

The XFD Dripline inline tubing shall be manufactured by Rain Bird Corporation, Azusa, California.

XFD Dripline Maximum Lateral Length (Feet)

Inlet Pressure psi	Maximum Lateral Length (feet)	
	12" Spacing	
	Nominal Flow (GPH):	
	0.6	0.9
15	255	194
25	325	249
35	371	285
45	415	318
55	451	346

18" Spacing

	Nominal Flow (GPH):	
	0.6	0.9
15	357	273
25	458	351
35	525	402
45	587	449
55	639	488

24" Spacing

	Nominal Flow (GPH):	
	0.6	0.9
15	448	343
25	577	443
35	661	508
45	739	567
55	807	619

XFD Dripline Maximum Lateral Length (Meters)

Inlet Pressure bars	Maximum Lateral Length (meters)	
	30,5 cm Spacing	
	Nominal Flow (l/h):	
	2,3	3,5
1,0	78	59
1,7	99	76
2,4	113	87
3,1	126	97
3,8	137	105

45,7 cm Spacing

	Nominal Flow (l/h):	
	2,3	3,5
1,0	109	83
1,7	140	107
2,4	160	123
3,1	179	137
3,8	195	149

61,0 cm Spacing

	Nominal Flow (l/h):	
	2,3	3,5
1,0	137	104
1,7	176	135
2,4	202	155
3,1	225	173
3,8	246	189

LEED Compliant



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

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The Intelligent Use of Water™

www.rainbird.com