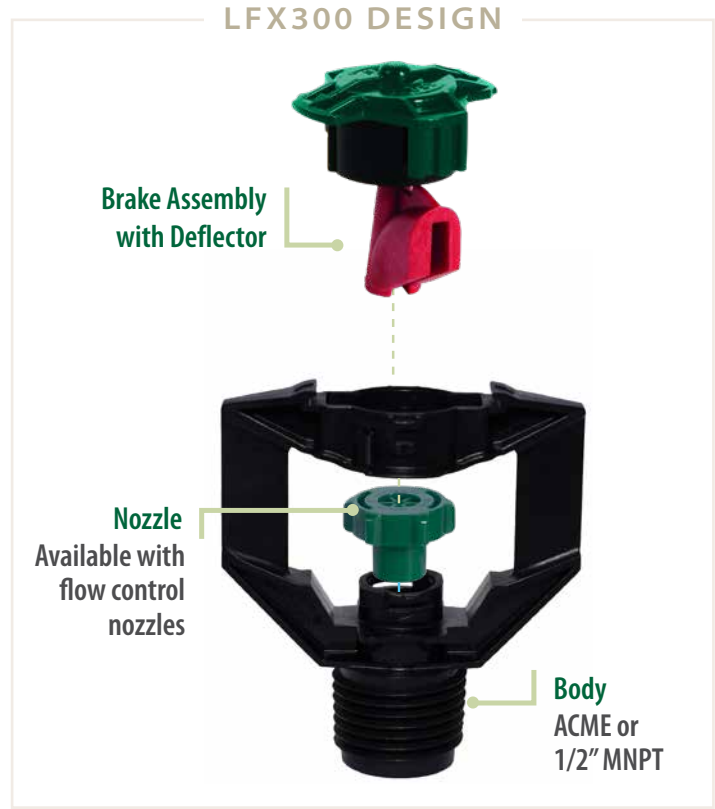
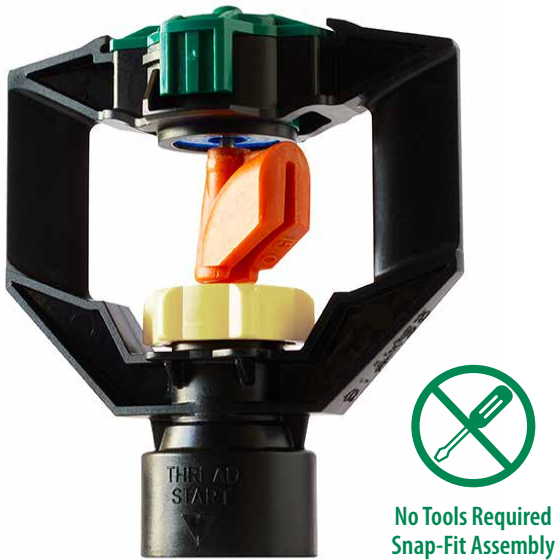


LFX300 LOW FLOW SPRINKLER

TECHNICAL SPECIFICATIONS



The Rain Bird® LFX300 Low Flow Sprinkler was designed for efficiency. It offers market-leading distribution uniformity and performance consistency, reliable durability and operational simplicity with its Snap-Fit Assembly and interchangeable brake assemblies and nozzles.



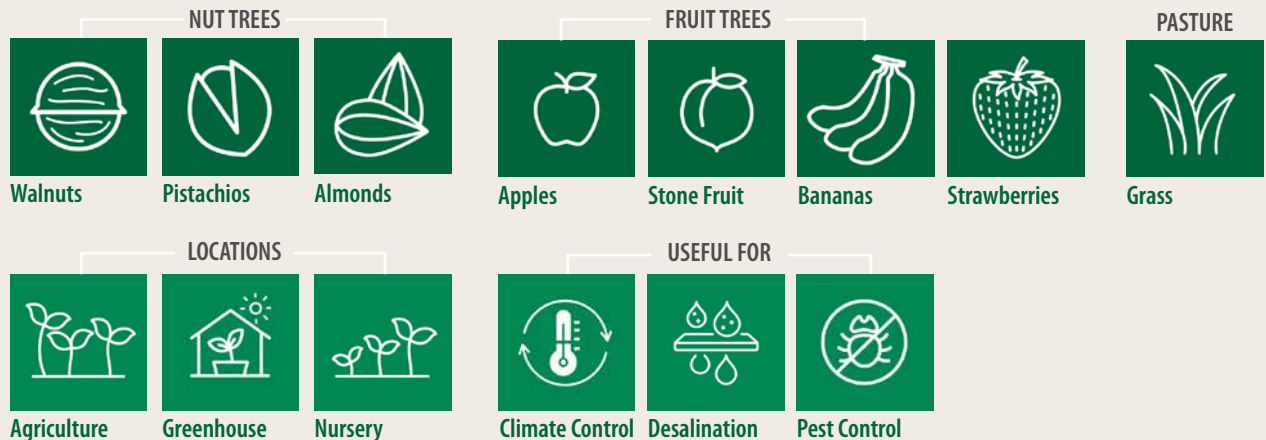
FEATURES

- Ensures even distribution with Rain Curtain™ Technology
- Provides gentle close-in watering to prevent wash out
- Easy installation and field maintenance without tools
- Durable acetal material withstands harsh field conditions
- Color-coded for quick identification and easy switch out to adapt to different irrigation requirements

OPERATING RANGE

Pressure	25 to 50 psi	1.72 to 3.45 bar
Flow Rate	0.28 to 0.73 gpm	62 to 161 l/h
Radius of Throw	18 to 25 feet	5.5 to 7.6 meters

APPLICATIONS



Sprinkler Body Options



NPT Male Pipe Thread

1/2" (13mm)
SPECIFICATION: N



Female ACME Thread

SPECIFICATION: A

Stream Splitters



Edge Guard/Road Guard

Reduce water waste by converting any LFX full circle sprinkler to a 190° irrigation pattern.
MODEL# LFXG



One-Sided Stream Splitter

Direct water away from unwanted areas by creating a 30° dry wedge.
MODEL# LFXSS1



Two-Sided Stream Splitter

Direct water away from unwanted areas by creating two (2) 30° dry wedges.
MODEL# LFXSS2

PACKAGING DATA

FACTORY-ASSEMBLED QUANTITIES

BAG: 50 CASE: 300 Pallet: 9,600

PART QUANTITIES

PART	MINIMUM ORDER	CASE QUANTITY
Nozzles	200	3,600
Brake Assemblies	200	3,600
Bodies	200	400

HOW TO ORDER

LF03 - N - 09R - 40

Core Family
LF03 - LFX300

Deflector
09R - 9° Red
09W - 9° White
15O - 15° Orange

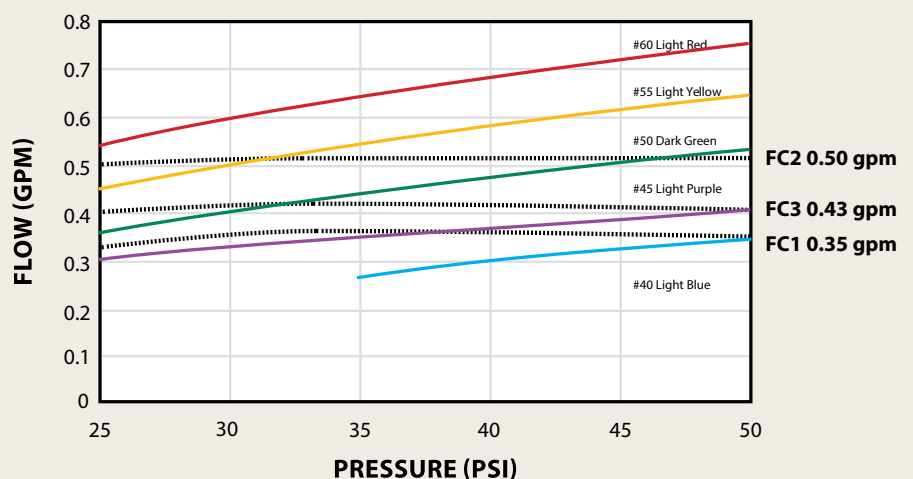
Body
A - Female ACME Thread
N - 1/2" Male NPT Thread

Nozzle
40 - Light Blue
45 - Light Purple
50 - Dark Green
55 - Light Yellow
60 - Light Red
F1 - FC 0.35 gpm
F2 - FC 0.50 gpm
F3 - FC 0.43 gpm

Save water and improve yield by upgrading to the Flow Control (FC) nozzle

















Upgrade your standard flow nozzle to a Flow Control (FC) nozzle for consistent flow along laterals and terrain variations. As water pressure increases, the FC washer restricts flow to control output.

- Avoid over or under watering
- Increase yield with regulated flow
- Simple upgrade, no tools required
- Three flow rates available:
 - 0.35gpm (79.5 l/h)
 - 0.43gpm (97.6 l/h)
 - 0.50 gph (113.6 l/h)
- Operating range from 25 to 50 psi (1.72 to 3.45 bar)



















LFX300 PERFORMANCE DATA

US Measurements

Matrix of Assemblies	Brake Assembly With Deflector	Nozzle	Stream Height	Flow Rate at Standard Pressures (gpm)						Model Numbers	
				Throw Radius at Standard Pressure (feet)						NPT	ACME
				25 psi	30 psi	35 psi	40 psi	45 psi	50 psi		
	Light Blue #40 0.040" (1.016mm)		20-23 in (50.8-58.4cm)	–	–	0.28	0.30	0.32	0.34	LF03N09R40	LF03A09R40
						20	21	20	20		
	Light Purple #45 0.045" (1.143mm)		19-25 in (48.3-63.5cm)	0.29	0.32	0.35	0.37	0.39	0.41	LF03N09R45	LF03A09R45
	Dark Green #50 0.050" (1.270mm)		21-29 in (53.3-73.6cm)	0.36	0.40	0.43	0.46	0.48	0.51	LF03N09R50	LF03A09R50
	FC1 0.35gpm (79.5 l/h)		20-25 in (50.8 - 63.5cm)				0.35			LF03N09RF1	LF03A09RF1
	FC1 0.43gpm (97.7 l/h)		20-25 in (50.8 - 63.5cm)				0.43			LF03N09RF3	LF03A09RF3
	Dark Green #50 0.050" (1.270mm)		20-24 in (50.8-61cm)	–	–	0.43	0.46	0.48	0.51	LF03N09W50	LF03A09W50
						22	22	22	23		
	Light Yellow #55 0.055" (1.397mm)		17-25 in (43.2-63.5cm)	0.44	0.48	0.52	0.55	0.59	0.62	LF03N09W55	LF03A09W55
	Light Red #60 0.060" (1.524mm)		17-25 in (43.2-63.5cm)	0.51	0.56	0.61	0.65	0.69	0.73	LF03N09W60	LF03A09W60
	FC2 0.50 gpm (113.6 l/h)		20-25 in (50.8-63.5cm)				0.50			LF03N09WF2	LF03A09WF2
							18				
	Dark Green #50 0.050" (1.270mm)		34-39 in (86.4-99.1cm)	–	–	0.43	0.46	0.48	0.51	LF03N15O50	LF03A15O50
						24	25	24	23		
	Light Yellow #55 0.055" (1.397mm)		36-42 in (91.4-106.7cm)	0.44	0.48	0.52	0.55	0.59	0.62	LF03N15O55	LF03A15O55
	Light Red #60 0.060" (1.524mm)		33-41 in (83.8-104.1cm)	0.51	0.56	0.61	0.65	0.69	0.73	LF03N15O60	LF03A15O60
	FC2 0.50 gpm (113.6 l/h)		30-42 in (76.2-106.7 cm)				0.50			LF03N15OF2	LF03A15OF2
							20				

Performance data based on 12 in. riser.

Metric Measurements

Matrix of Assemblies	Brake Assembly With Deflector	Nozzle	Stream Height	Flow Rate at Standard Pressures (gpm)						Model Numbers		
				Throw Radius at Standard Pressure (feet)						NPT	ACME	
				1.75 bar	2 bar	2.25 bar	2.5 bar	2.75 bar	3 bar			3.25 bar
	Light Blue #40 0.040" (1.016mm)		20-23 in (50.8-58.4cm)	–	–	62	65	68	71	74	LF03N09R40	LF03A09R40
						6.1	6.1	6.4	6.1	6.1		
	Light Purple #45 0.045" (1.143mm)		19-25 in (48.3-63.5cm)	67	72	76	80	84	88	91	LF03N09R45	LF03A09R45
	Dark Green #50 0.050" (1.270mm)		21-29 in (53.3-73.6cm)	83	88	94	99	104	108	113	LF03N09R50	LF03A09R50
	FC1 0.35gpm (79.5 l/h)		20-25 in (50.8 - 63.5cm)				79.5				LF03N09RF1	LF03A09RF1
	FC1 0.43gpm (97.7 l/h)		20-25 in (50.8 - 63.5cm)				98				LF03N09RF3	LF03A09RF3
	Dark Green #50 0.050" (1.270mm)		20-24 in (50.8-61cm)	–	–	94	99	104	108	113	LF03N09W50	LF03A09W50
						6.7	6.7	6.7	6.7	7.0		
	Light Yellow #55 0.055" (1.397mm)		17-25 in (43.2-63.5cm)	100	107	114	120	126	131	137	LF03N09W55	LF03A09W55
	Light Red #60 0.060" (1.524mm)		17-25 in (43.2-63.5cm)	118	126	134	141	148	154	161	LF03N09W60	LF03A09W60
	FC2 0.50 gpm (113.6 l/h)		20-25 in (50.8-63.5cm)				113.6				LF03N09WF2	LF03A09WF2
							5.5					
	Dark Green #50 0.050" (1.270mm)		34-39 in (86.4-99.1cm)	–	–	94	99	104	108	113	LF03N15O50	LF03A15O50
						7.3	7.3	7.6	7.3	7.0		
	Light Yellow #55 0.055" (1.397mm)		36-42 in (91.4-106.7cm)	100	107	114	120	126	131	137	LF03N15O55	LF03A15O55
	Light Red #60 0.060" (1.524mm)		33-41 in (83.8-104.1cm)	118	126	134	141	148	154	161	LF03N15O60	LF03A15O60
	FC2 0.50 gpm (113.6 l/h)		30-42 in (76.2-106.7 cm)				113.6				LF03N15OF2	LF03A15OF2
							6.2					

Performance data based on 30cm riser.

Available Adapters



Universal Stake Adapter

Interchangeable stake adapter for use with small diameter or large diameter stakes

1/4", 5/16", 1/2" or 3/4"

MODEL# LFXUSA

6.4mm, 8mm, 12.7mm, or 19mm
MODEL# LFXUSAM



ACME to SLIP Adapter

ACME to 1/2" or 3/4" - Grey
MODEL# LFXACX12

ACME to 20mm or 25mm - White
MODEL# LFXACX20MM



ACME to MNPT Adapter

Converts ACME to 1/2" MNPT
MODEL# LFXACKNPT

Converts 3/4" ACME to MNPT
MODEL# LFXACK38NPT

Stakes



PVC Stakes

1/2" (13mm) Diameter

21" (53.3cm) Length

Exit Hole: 9.5" (24cm) from top

Available with feedtube assembly only.



Fiberglass Stakes

1/4" (6.4mm) Diameter

MODEL# LFXSF124

5/16" (8mm) Diameter

MODEL# LFXSF224



Steel Stakes

1/4" (6.4mm) Diameter

MODEL# LFXSS124

5/16" (8mm) Diameter

MODEL# LFXSS224

Feedtube & Preassembled Options



	Feedtube Length Options	Feedtube with Universal Barb	Feedtube, Barb, & Universal Stake Adapter	Feedtube, Barb, & Stake Adapter & PVC Stake
5mm Feedtube Coil Length: 500' (152.4m) 5mm MODEL# LFX550 ITEM# 18208750	30" (76cm)	With Universal Barb MODEL# LFX5FTA30	With Barb & Universal Stake Adapter MODEL# LFX5SAA30	With Barb, Stake Adapter, & PVC Stake MODEL# LFXPVCA30
	42" (106.7cm)	With Universal Barb MODEL# LFX5FTA42	With Barb & Universal Stake Adapter MODEL# LFX5SAA42	With Barb, Stake Adapter, & PVC Stake MODEL# LFXPVCA42

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