

LF™ SERIES SPRINKLER

TECHNICAL SPECIFICATIONS



Maximize irrigation efficiency while minimizing maintenance with Rain Bird® LF™ Series Sprinklers. Look to this rugged and durable sprinkler for unrivaled performance under harsh field and weather conditions. LF Series Sprinklers deliver precise, uniform coverage with a variety of flow rates and deflector angle options that make this sprinkler a versatile solution for crop irrigation and climate control applications.



No Tools Required
Snap-Fit Assembly

FEATURES

- ✓ Provides consistent, controlled rotation and wide range of throw with weighted drive unit
- ✓ Deflectors designed with Rain Curtain™ Technology ensure even distribution of water
- ✓ Precision Jet (PJ) spoon directs water to the field and prevents erosion around the riser
- ✓ Heavy-duty, durable components resist wear
- ✓ Reliable performance at any temperature; ideal for cooling or frost protection
- ✓ Sturdy, roll cage design protects the drive unit from damage
- ✓ Maintenance is easy with our Snap-Fit-Assembly and convenient color coded nozzles and deflectors

LF DESIGN



OPERATING RANGE

Pressure	25 to 60 psi	1.7 to 4.2 bar
Flow Rate	0.97 to 6.82 gpm	227 to 1,549 l/h
Radius of Throw	22 to 50 feet	6.6 to 15.2 meters

APPLICATIONS



Sprinkler Body Options



Male NPT Pipe Thread
1/2" (13mm)
SPECIFICATION: N



Male ACME Thread
(adapter required)
SPECIFICATION: A



Male ACME Anti-Theft
(adapter required)
SPECIFICATION: T

Accessories for LF™ Series Sprinklers



Edge Guard/Road Guard
Eliminate washout and keep water off of roads and walkways. Quickly convert a full circle irrigation pattern to 190°. MODEL# LFEG



ACME x MNPT Adapter
Converts ACME to 1/2" MNPT
MODEL# LFACMENPT1/2
Converts ACME x Male 3/4" MNPT
MODEL# LFACMENPT3/4



ACME to Slip Adapter
ACME to 1/2" or 3/4" - Gray
MODEL# LFACMEUS
ACME to 20mm x 25mm - White
MODEL# LFACME20MM

PACKAGING DATA

FACTORY-ASSEMBLED QUANTITIES

CASE: 100

PALLET: 1,200

PART QUANTITIES

PART	MINIMUM ORDER	CASE QUANTITY
Nozzles	200	1,600
Deflectors	200	1,600
Unassembled Body Drive Units	200	100

HOW TO ORDER

LF24 - A - 27B - 11 - A

Core Family

LF12 - LF1200 Sprinkler
LF24 - LF2400 Sprinkler

Body

N - Male NPT Thread
A - Male ACME
T - Male ACME Anti-Theft

Deflector

06P - 6° Dark Purple
10W - 10° White
10L - 10° Lime
12B - 12° Cyan Blue
12P - 12° Pink
13M - 13° Maroon
15T - 15° Tangerine
16R - 16° Red
17B - 17° Powder Blue
21G - 21° Olive Green
22G - 22° Dark Green
27B - 27° Black

Nozzle

Nozzle
05 - Blue
06 - Purple
07 - Green
08 - Red
09 - Silver
10 - Brown
11 - Dark Grey
29 - Black
30 - Tan
38 - Yellow
44 - Orange

Adapter or Anti-Theft

A - 3/4" MNPT Adapter for Male ACME Body (LF2400LR ONLY)
R - Horizontal Anti-Theft Screw ONLY

Get Greater Protection & Peace of Mind with the Fully Assembled Anti-Theft LF™ Series



Horizontal Screw

Vertical Screw

How to Order:

Vertical and Horizontal Screw: Example: LF12-T-16R-06

Select Body "T" when ordering and your LF will come outfitted with a vertical and horizontal screw to secure your sprinkler. Available with Male ACME body and requires ACME adapter.

Horizontal Screw Only: Example: LF24-N-22G-07-R

If you are ordering LF sprinklers for hand move or rental pipe applications, consider ordering with a horizontal anti-theft screw pre-installed to lock the drive into the body.

LOOKING TO ORDER ANTI-THEFT SCREWS ONLY?

HORIZONTAL SCREW
MODEL# LFTHSCRH

VERTICAL SCREW
MODEL# LFTHFTSCRV

LF1200 PERFORMANCE DATA

US Measurements

Deflector	Nozzle	Stream Height (in.)	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	55 psi	60 psi			
 6 Degree Dark Purple	Orange 0.086" (2.18 mm)	 14-20 in		1.17	1.26	1.35	1.43	1.51	1.59	1.67		LF12N06P44	LF12A06P44
	Purple 0.094" (2.39 mm)	 14-21 in	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98		LF12N06P06	LF12A06P06
	Yellow 0.102" (2.59 mm)	 16-21 in	1.49	1.63	1.77	1.89	2.00	2.12				LF12N06P38	LF12A06P38
 10 Degree White	Blue 0.078" (1.98 mm)	 19-29 in		0.97	1.05	1.12	1.19	1.25	1.31	1.37		LF12N10W05	LF12A10W05
	Orange 0.086" (2.18 mm)	 24-33 in		1.17	1.26	1.35	1.43	1.51	1.59	1.67		LF12N10W44	LF12A10W44
	Purple 0.094" (2.39 mm)	 22-34 in	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98		LF12N10W06	LF12A10W06
	Yellow 0.102" (2.59 mm)	 24-34 in	1.49	1.63	1.77	1.89	2.00	2.12				LF12N10W38	LF12A10W38
 12 Degree Cyan Blue	Orange 0.086" (2.18 mm)	 28-39 in		1.17	1.26	1.35	1.43	1.51	1.59	1.67		LF12N12B44	LF12A12B44
	Purple 0.094" (2.39 mm)	 28-40 in	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98		LF12N12B06	LF12A12B06
	Yellow 0.102" (2.59 mm)	 30-43 in	1.49	1.63	1.77	1.89	2.00	2.12				LF12N12B38	LF12A12B38
 12 Degree Pink	Green 0.109" (2.76 mm)	 30-41 in	1.69	1.85	2.00	2.15						LF12N12P07	LF12A12P07
	Tan 0.117" (2.97 mm)	 34-44 in	1.97	2.17	2.35	2.53						LF12N12P30	LF12A12P30
 16 Degree Red	Blue 0.078" (1.98 mm)	 46-59 in				1.12	1.19	1.25	1.31	1.37		LF12N16R05	LF12A16R05
	Orange 0.086" (2.18 mm)	 42-55 in		1.17	1.26	1.35	1.43	1.51	1.59	1.67		LF12N16R44	LF12A16R44
	Purple 0.094" (2.39 mm)	 40-55 in	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98		LF12N16R06	LF12A16R06
	Yellow 0.102" (2.59 mm)	 40-55 in	1.49	1.63	1.77	1.89	2.00	2.12				LF12N16R38	LF12A16R38
 17 Degree Powder Blue	Blue 0.078" (1.98 mm)	 41-55 in		0.97	1.05	1.12	1.19	1.25	1.31	1.37		LF12N17B05	LF12A17B05
	Orange 0.086" (2.18 mm)	 49-60 in		1.17	1.26	1.35	1.43	1.51	1.59	1.67		LF12N17B44	LF12A17B44
	Purple 0.094" (2.39 mm)	 42-61 in	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98		LF12N17B06	LF12A17B06
	Yellow 0.102" (2.59 mm)	 43-61 in	1.49	1.63	1.77	1.89	2.00	2.12				LF12N17B38	LF12A17B38
 21 Degree Olive Green	Orange 0.086" (2.18 mm)	 60-74 in		1.17	1.26	1.35	1.43	1.51	1.59	1.67		LF12N21G44	LF12A21G44
	Purple 0.094" (2.39 mm)	 50-75 in	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98		LF12N21G06	LF12A21G06
	Yellow 0.102" (2.59 mm)	 53-72 in	1.49	1.63	1.77	1.89	2.00	2.12				LF12N21G38	LF12A21G38

Performance data based on 12 inch riser.

LF1200 Pre-assembled Sprinklers come 100/case and 1,200/pallet.
Standard ACME body listed. See prior page for Anti-Theft models.

Matrix of Assemblies

LF1200 PERFORMANCE DATA

Metric Measurements

Deflector	Nozzle	Stream Height (cm)	Flow Rate at Standard Pressures (l/h)								Model Numbers		
			Throw Radius at Standard Pressure (m)								NPT	ACME	
			1.7 bar	2.1 bar	2.4 bar	2.8 bar	3.1 bar	3.5 bar	3.8 bar	4.2 bar			
6 Degree Dark Purple	Orange 0.086" (2.18 mm)	 35-50 cm		266	286	307	325	343	361	379	LF12N06P44	LF12A06P44	
				6.9	6.9	7.5	7.5	7.8	7.8	7.8			
	Purple 0.094" (2.39 mm)	 35-53 cm	288	316	341	366	388	409	429	450			LF12N06P06
			6.6	7.2	7.2	7.8	7.8	8.4	7.8	8.1			
	Yellow 0.102" (2.59 mm)	 40-53 cm	338	370	402	429	454	481			LF12N06P38	LF12A06P38	
			6.9	7.5	7.5	8.1	8.1	8.4					
10 Degree White	Blue 0.078" (1.98 mm)	 48-73 cm		220	238	254	270	284	298	311	LF12N10W05	LF12A10W05	
				7.5	7.8	7.8	8.1	8.1	8.1	8.1			
	Orange 0.086" (2.18 mm)	 60-83 cm	266	286	307	325	343	361	379	LF12N10W44			LF12A10W44
			7.5	8.1	8.1	8.4	8.1	9.0	8.7				
	Purple 0.094" (2.39 mm)	 55-86 cm	288	316	341	366	388	409	429	450	LF12N10W06	LF12A10W06	
			7.8	8.4	8.4	8.4	8.7	8.7	8.7	8.7			
	Yellow 0.102" (2.59 mm)	 60-86 cm	338	370	402	429	454	481			LF12N10W38	LF12A10W38	
			8.1	8.7	8.4	9.3	9.0	9.0					
12 Degree Cyan Blue	Orange 0.086" (2.18 mm)	 71-99 cm		266	286	307	325	343	361	379	LF12N12B44	LF12A12B44	
				8.1	8.4	8.7	8.7	8.7	9.0	9.0			
	Purple 0.094" (2.39 mm)	 71-101 cm	288	316	341	366	388	409	429	450			LF12N12B06
			8.1	8.7	9.0	9.3	9.3	9.39	9.6	9.6			
	Yellow 0.102" (2.59 mm)	 76-109 cm	338	370	402	429	454	481			LF12N12B38	LF12A12B38	
			8.4	9.0	9.6	9.6	9.6	9.6					
12 Degree Pink	Green 0.109" (2.76 mm)	 76-104 cm	384	420	454	488					LF12N12P07	LF12A12P07	
			9.0	9.6	9.9	10.2							
	Tan 0.117" (2.97 mm)	 86-111 cm	447	493	534	575					LF12N12P30	LF12A12P30	
			9.3	9.9	10.2	10.5							
16 Degree Red	Blue 0.078" (1.98 mm)	 116-149 cm				254	270	284	298	311	LF12N16R05	LF12A16R05	
						9.0	9.3	9.0	9.3	9.3			
	Orange 0.086" (2.18 mm)	 106-139 cm	266	286	307	325	343	361	379	LF12N16R44			LF12A16R44
			9.3	9.6	9.6	9.6	9.6	9.6	9.6				
	Purple 0.094" (2.39 mm)	 101-139 cm	288	316	341	366	388	409	429	450	LF12N16R06	LF12A16R06	
			9.0	9.3	9.6	9.9	9.9	10.2	10.2	10.2			
	Yellow 0.102" (2.59 mm)	 101-139 cm	338	370	402	429	454	481			LF12N16R38	LF12A16R38	
			9.0	9.3	9.9	9.9	9.9	9.6					
17 Degree Powder Blue	Blue 0.078" (1.98 mm)	 104-139 cm		220	238	254	270	284	298	311	LF12N17B05	LF12A17B05	
				8.1	9.3	9.0	9.9	9.9	9.9	9.9			
	Orange 0.086" (2.18 mm)	 124-152 cm	266	286	307	325	343	361	379	LF12N17B44			LF12A17B44
			9.3	9.9	10.2	10.2	10.2	10.2	9.9				
	Purple 0.094" (2.39 mm)	 106-154 cm	288	316	341	366	388	409	429	450	LF12N17B06	LF12A17B06	
			9.3	9.9	10.2	10.5	10.8	10.5	10.8	10.8			
	Yellow 0.102" (2.59 mm)	 109-154 cm	338	370	402	429	454	481			LF12N17B38	LF12A17B38	
			9.6	10.2	10.5	10.8	10.8	11.1					
21 Degree Olive Green	Orange 0.086" (2.18 mm)	 152-187 cm		266	286	307	325	343	361	379	LF12N21G44	LF12A21G44	
				10.2	10.2	10.2	10.5	10.5	10.5	10.5			
	Purple 0.094" (2.39 mm)	 127-190 cm	288	316	341	366	388	409	429	450			LF12N21G06
			9.9	10.2	10.5	10.5	10.5	10.5	10.5	10.8			
	Yellow 0.102" (2.59 mm)	 134-182 cm	338	370	402	429	454	481			LF12N21G38	LF12A21G38	
			10.2	10.5	10.8	10.8	10.8	10.8					











Performance data based on 30cm riser.

LF1200 Pre-assembled Sprinklers come 100/case and 1,200/pallet.

Standard ACME body listed. See prior page for Anti-Theft models.

LF2400 PERFORMANCE DATA

US Measurements

Deflector	Nozzle	Stream Height (in.)	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	55 psi	60 psi			
 10 Degree Lime	Green 7/64" (2.76 mm)	 20-38 in	1.69 27	1.85 29	2.00 30	2.15 32	2.28 33	2.45 34	2.57 34	2.70 35	LF24N10L07	LF24A10L07	
	Tan 30 Drill (2.97 mm)	 24-38 in	1.97 29	2.17 30	2.35 32	2.53 33	2.67 34	2.81 35	2.95 35	3.09 36			LF24N10L30
	Red 1/8" (3.18 mm)	 41-42 in	2.24 30	2.50 32	2.70 33	2.89 34	3.07 35	3.20 36	3.36 36	3.52 36	LF24N10L08	LF24A10L08	
	Black 29 Drill (3.38 mm)	 30-48 in	2.52 30	2.81 32	3.03 33	3.25 35	3.45 35	3.60 36	3.75 36	3.88 37	LF24N10L29	LF24A10L29	
	Silver 9/64" (3.57 mm)	 32-44 in	2.93 32	3.27 34	3.53 35	3.78 36	4.02 37				LF24N10L09	LF24A10L09	
	 13 Degree Maroon	Green 7/64" (2.76 mm)	 28-50 in	1.69 30	1.85 31	2.00 32	2.15 33	2.28 34	2.45 34	2.57 35	2.70 35	LF24N13M07	LF24A13M07
Tan 30 Drill (2.97 mm)		 30-48 in	1.97 31	2.17 32	2.35 33	2.53 36	2.67 35	2.81 36	2.95 36	3.09 36	LF24N13M30	LF24A13M30	
Red 1/8" (3.18 mm)		 32-49 in	2.24 31	2.50 33	2.70 34	2.89 35	3.07 36	3.20 37	3.36 38	3.52 37	LF24N13M08	LF24A13M08	
Black 29 Drill (3.38 mm)		 33-50 in	2.52 32	2.81 33	3.03 34	3.25 35	3.45 36	3.60 36	3.75 37	3.88 37	LF24N13M29	LF24A13M29	
Silver 9/64" (3.57 mm)		 38-54 in	2.93 33	3.27 36	3.53 37	3.78 38	4.02 39				LF24N13M09	LF24A13M09	
 15 Degree Tangerine		Green 7/64" (2.76 mm)	 32-50 in	1.69 31	1.85 32	2.00 33	2.15 34	2.28 35	2.45 35	2.57 36	2.70 37	LF24N15T07	LF24A15T07
	Tan 30 Drill (2.97 mm)	 28-50 in	1.97 30	2.17 33	2.35 34	2.53 36	2.67 36	2.81 37	2.95 37	3.09 37	LF24N15T30	LF24A15T30	
	Red 1/8" (3.18 mm)	 35-54 in	2.24 32	2.50 34	2.70 35	2.89 37	3.07 37	3.20 37	3.36 37	3.52 37	LF24N15T08	LF24A15T08	
	Black 29 Drill (3.38 mm)	 40-67 in	2.52 32	2.81 36	3.03 37	3.25 38	3.45 38	3.60 39	3.75 39	3.88 40	LF24N15T29	LF24A15T29	
	Silver 9/64" (3.57 mm)	 42-57 in	2.93 34	3.27 36	3.53 37	3.78 39	4.02 39				LF24N15T09	LF24A15T09	
	 22 Degree Dark Green	Green 7/64" (2.76 mm)	 63-95 in	1.69 36	1.85 38	2.00 38	2.15 38	2.28 39	2.45 39	2.57 39	2.70 39	LF24N22G07	LF24A22G07
Tan 30 Drill (2.97 mm)		 64-97 in	1.97 36	2.17 38	2.35 39	2.53 40	2.67 41	2.81 41	2.95 41	3.09 42	LF24N22G30	LF24A22G30	
Red 1/8" (3.18 mm)		 67-100 in	2.24 36	2.50 39	2.70 40	2.89 41	3.07 41	3.20 43	3.36 43	3.52 44	LF24N22G08	LF24A22G08	
Black 29 Drill (3.38 mm)		 74-120 in	2.52 38	2.81 41	3.03 42	3.25 42	3.45 43	3.60 44	3.75 44	3.88 44	LF24N22G29	LF24A22G29	
Silver 9/64" (3.57 mm)		 72-102 in	2.93 39	3.27 40	3.53 43	3.78 44	4.02 45				LF24N22G09	LF24A22G09	

Performance data based on 12 inch riser.























LF2400 Pre-assembled Sprinklers come 100/case and 1,200/pallet.

Standard ACME body listed. See prior page for Anti-Theft models.



LF2400 PERFORMANCE DATA

Metric Measurements

Deflector	Nozzle	Stream Height (cm)	Flow Rate at Standard Pressures (l/h)								Model Numbers	
			Throw Radius at Standard Pressure (m)								NPT	ACME
			1.7 bar	2.1 bar	2.4 bar	2.8 bar	3.1 bar	3.5 bar	3.8 bar	4.2 bar		
 10 Degree Lime	Green 7/64" (2.76 mm)	 50-96 cm	384 8.1	420 8.7	454 9.0	488 9.6	518 9.9	556 10.2	584 10.2	613 10.5	LF24N10L07	LF24A10L07
	Tan 30 Drill (2.97 mm)	 60-96 cm	447 8.7	493 9.0	534 9.6	575 9.9	606 10.2	638 10.5	670 10.5	702 10.8	LF24N10L30	LF24A10L30
	Red 1/8" (3.18 mm)	 60-104 cm	509 9.0	568 9.6	613 9.9	656 10.2	697 10.5	727 10.8	763 10.8	799 10.8	LF24N10L08	LF24A10L08
	Black 29 Drill (3.38 mm)	 76-121 cm	572 9.0	638 9.6	688 9.9	738 10.5	784 10.5	818 10.8	852 10.8	881 11.1	LF24N10L29	LF24A10L29
	Silver 9/64" (3.57 mm)	 81-111 cm	665 9.6	743 10.2	802 10.5	858 10.8	913 11.1					LF24N10L09
 13 Degree Maroon	Green 7/64" (2.76 mm)	 71-127 cm	384 9.0	420 9.3	454 9.6	488 9.9	518 10.2	556 10.2	584 10.5	613 10.5	LF24N13M07	LF24A13M07
	Tan 30 Drill (2.97 mm)	 76-121 cm	447 9.3	493 9.6	534 9.9	575 10.8	606 10.5	638 10.8	670 10.8	702 10.8	LF24N13M30	LF24A13M30
	Red 1/8" (3.18 mm)	 81-127 cm	509 9.3	568 9.9	613 10.2	656 10.5	697 10.8	727 11.1	763 11.4	799 11.1	LF24N13M08	LF24A13M08
	Black 29 Drill (3.38 mm)	 86-127 cm	572 9.6	638 9.9	688 10.2	738 10.5	784 10.8	818 10.8	852 11.1	881 11.1	LF24N13M29	LF24A13M29
	Silver 9/64" (3.57 mm)	 96-137 cm	665 9.9	743 10.8	802 11.1	858 11.4	913 11.7					LF24N13M09
 15 Degree Tangerine	Green 7/64" (2.76 mm)	 81-127 cm	384 9.3	420 9.6	454 9.9	488 10.2	518 10.5	556 10.5	584 10.8	613 11.1	LF24N15T07	LF24A15T07
	Tan 30 Drill (2.97 mm)	 71-127 cm	447 9.0	493 9.9	534 10.2	575 10.8	606 10.8	638 10.8	670 11.1	702 11.1	LF24N15T30	LF24A15T30
	Red 1/8" (3.18 mm)	 88-137 cm	509 9.6	568 10.2	613 10.5	656 11.1	697 11.1	727 11.1	763 11.1	799 11.1	LF24N15T08	LF24A15T08
	Black 29 Drill (3.38 mm)	 101-170 cm	572 9.6	638 10.8	688 11.1	738 11.4	784 11.4	818 11.7	852 11.7	881 12.0	LF24N15T29	LF24A15T29
	Silver 9/64" (3.57 mm)	 106-144 cm	665 10.2	743 10.8	802 11.1	858 11.7	913 11.7					LF24N15T09
 22 Degree Dark Green	Green 7/64" (2.76 mm)	 160-241 cm	384 10.8	420 11.4	454 11.4	488 11.4	518 11.7	556 11.7	584 11.7	613 11.7	LF24N22G07	LF24A22G07
	Tan 30 Drill (2.97 mm)	 162-246 cm	447 10.8	493 11.4	534 11.7	575 12.0	606 12.3	638 12.3	670 12.3	702 12.6	LF24N22G30	LF24A22G30
	Red 1/8" (3.18 mm)	 170-254 cm	509 10.8	568 11.7	613 12.0	656 12.3	697 12.3	727 12.9	763 12.9	799 13.2	LF24N22G08	LF24A22G08
	Black 29 Drill (3.38 mm)	 287-304 cm	572 11.4	636 12.3	688 12.6	738 12.6	784 12.9	818 13.2	852 13.2	881 13.2	LF24N22G29	LF24A22G29
	Silver 9/64" (3.57 mm)	 182-259 cm	665 11.7	743 12.0	802 12.9	858 13.2	913 13.5					LF24N22G09




Performance data based on 30cm riser.

LF2400 Pre-assembled Sprinklers come 100/case and 1,200/pallet.




Standard ACME body listed. See prior page for Anti-Theft models.

LF2400 LONG RANGE PERFORMANCE DATA

US Measurements

Matrix of Assemblies	Deflector	Nozzle	Stream Height (in.)	Flow Rate at Standard Pressures (gpm)								Model Numbers		
				Throw Radius at Standard Pressure (feet)								1/2" NPT	ACME	ACME w/3/4" NPT ADAPTER
				25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi			
27 Degree Black	Silver 9/64" (3.63 mm)		76-116 in	2.93	3.27	3.53	3.78	4.02	4.23	4.43	4.63	LF24N27B09	LF24A27B09	LF24A27B09A
				38	40	40	42	44	45	46	46			
	Brown 5/32" (3.97 mm)		78-118 in	3.64	3.99	4.31	4.60	4.88	5.15	5.40	5.64	LF24N27B10	LF24A27B10	LF24A27B10A
	Dark Grey 11/64" (4.37 mm)		80-120 in	4.40	4.82	5.21	5.57	5.91	6.23	6.53	6.82	LF24N27B11	LF24A27B11	LF24A27B11A
				40	42	44	47	48	48	48	50			

Metric Measurements

Matrix of Assemblies	Deflector	Nozzle	Stream Height (cm.)	Flow Rate at Standard Pressures (l/h)								Model Numbers		
				Throw Radius at Standard Pressure (m)								1/2" NPT	ACME	ACME w/3/4" NPT ADAPTER
				1.7 bar	2.1 bar	2.4 bar	2.8 bar	3.1 bar	3.5 bar	3.8 bar	4.2 bar			
27 Degree Black	Silver 9/64" (3.63 mm)		193-295 cm	665	743	802	858	913	961	1,006	1,052	LF24N27B09	LF24A27B09	LF24A27B09A
				11.6	12.2	12.2	12.8	13.4	13.7	14.0	14.0			
	Brown 5/32" (3.97 mm)		198-300 cm	827	906	979	1,045	1,108	1,170	1,226	1,281	LF24N27B10	LF24A27B10	LF24A27B10A
	Dark Grey 11/64" (4.37 mm)		203-305 cm	999	1,095	1,183	1,265	1,265	1,415	1,483	1,549	LF24N27B11	LF24A27B11	LF24A27B11A
				12.2	12.8	13.4	14.3	14.6	14.6	14.6	15.2			

Performance data based on 12 inch / 30cm riser.

LF™ Series Sprinklers for Superior Frost Protection



Safeguard developing buds, flowers and fruits during radiation frost events. Just one freeze event, where temperatures drop below 24°F, can result in up to a 90% loss.

This Unique Frost-Resistant Design Delivers:

- ✓ Fast and consistent rotation time
- ✓ High Distribution Uniformity and large droplet size
- ✓ Reliable operation in cold temperatures
- ✓ Low-labor maintenance and upkeep



Rain Bird LF Series Sprinklers feature an encapsulated impact drive mechanism that uses very few moving parts to provide consistent rotation and smooth operation regardless of changes in water pressure and temperature.

CASE IN POINT

In April of 2021, LF Sprinklers were put to the test. In Sisteron France, temperatures reached a record cold of 25°F (-4°C). When other sprinklers failed due to harsh conditions, Rain Bird sprinklers did not, and successfully saved an entire vineyard.

