


### LF™ Series Sprinkler



The Rain Bird® LF™ Series Sprinkler is built to withstand the harsh conditions of a variety of agricultural applications. Leveraging the advantages of an impact sprinkler, the LF Series Sprinkler offers full circle operation with stream height flexibility to deliver precise, uniform, and unrivaled water distribution.

#### Features

- Weighted drive unit increases dwell time between stream interruptions to maximize throw distance
- Precision Jet (PJ) spoon directs water toward the field to prevent erosion at the riser base
- Deflector's made of engineered thermoplastic for wear resistance and dimensional stability and designed with break-up features to optimize uniformity
- Consistent performance in wide temperature range: ideal for cooling or frost protection
- Snap-in-place color-coded nozzles and deflectors for simple setup and easy field identification – no tools required
- Sprinkler can be purchased assembled or separately and comprised of four simple parts: drive unit, body (ACME or NPT), deflector, and nozzle. Anti-theft bodies sold separately

#### Specifications

##### Operating pressure:

- 25 to 60 psi (1.7 to 4.2 bar)

##### Flow range:

- 0.77 to 6.82 gpm (175 to 1,549 l/h)

##### Throw Radius Range

- 22 to 50 ft. (6.6 to 15.2m)

##### Stream Height Range:

- 12 to 120 in. (30 to 305cm)

##### Sprinkler Body Options:

- ½" (13mm) NPT male pipe thread
- 23mm ACME male thread (requires special adapter)
- Anti-theft bodies available

##### Deflector Trajectory Outlets:

- Deflector trajectories vary by sprinkler model, see performance charts for details
- LF1200 available with 6°, 10°, 12°, 16°, 17°, or 21°
- LF2400 available with 10°, 13°, 15°, or 22°
- LF2400 Long Range available with 27° only

##### Nozzle Sizes:

- Nozzle sizes vary by sprinkler model, see performance charts for details
- LF1200 includes nozzles ranging in size from 0.078 - 0.117" (1.98 - 2.97mm)
- LF2400 includes nozzles ranging in size from 0.109 - 0.141" (2.76 - 3.57mm)
- LF2400 Long Range includes nozzles ranging in size from 0.141 - 0.172" (3.57 - 4.37mm)

#### Packaging Data

- Assembled sprinklers can be ordered in increments of 1; case quantity of 100
- Nozzles and deflectors can be ordered in increments of 200 pieces; case quantity of nozzles is 1,600; case quantity of deflectors is 1,600
- Unassembled Body and Drive Units can be ordered in increments of 1; case quantity of 100

#### Accessories

- Adapters available to convert ACME body to ½" or ¾" Male NPT
- Adapters available to convert ACME to female slip including: ½" and ¾" slip or 20mm and 25mm slip
- Edge guard, splash guard, and stream splitter available

### System Components



Optional: Anti-theft (AT) body features screws to add additional security in the field.



### How to Order LF Series Sprinkler






Item number for Nozzle Only	Deflector	Nozzle	Stream Height (in.)	Flow Rate at Standard Pressures (gpm)								Model Number Item Number	
				Throw Radius at Standard Pressure (feet)								NPT	ACME
				25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi		
Item number for Deflector Only	6 Degree Dark Purple 118285	Orange (11809844) 44 Drill, 0.086"	14-20		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N06P44	LF12A06P44
		Purple (11809806) 3/32", 0.094"	14-21	23	23	25	25	25	26	26	26	A85001B0644	A85003B0644
	↑	Yellow (11809838) 38 Drill, 0.102"	16-21	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98	LF12N06P06	LF12A06P06
				22	24	24	26	26	28	26	27	A85001B0606	A85003B0606
				1.49	1.63	1.77	1.89	2.00	2.12			LF12N06P38	LF12A06P38
				23	25	25	27	27	28			A85001B0638	A85003B0638






Empty boxes represent application combinations not recommended by Rain Bird.

Model number and item number for fully assembled sprinkler with NPT body

Model number and item number for fully assembled sprinkler with ACME body

Item Numbers & Descriptions for Ordering Separately					
LF1200	BODIES		Description	Order Increment	Item Number
			NPT Body	1	118134
ACME Body (adapter required)	1	118311			
ACME Anti-Theft Body (adapter required)	1	118310			
NPT Body with LF1200 Drive	1	A85000			
Anti-Theft ACME Body with LF1200 Drive	1	A85000AT			
Anti-Theft Screwdriver	1	118317			
DRIVE		Drive Only	1	118201	
		BODIES & DRIVES		Drive with NPT Body	1
Drive with Anti-Theft ACME Body	1			A85000AT	
NOZZLES		Blue, 5/64", 0.078", 1.98mm	200	11809805	
		Orange, 44 Drill, 0.086", 2.18mm	200	11809844	
		Purple, 3/32", 0.094", 2.39mm	200	11809806	
		Yellow, 38 Drill, 0.102", 2.59mm	200	11809838	
		Green, 7/64", 0.109", 2.76mm	200	11809807	
		Tan, 30 Drill, 0.117", 2.97mm	200	11809830	
		DEFLECTORS		6 Degree Dk. Purple	200
10 Degree White	200			118231	
12 Degree Cyan Blue	200			118262	
12 Degree Pink	200			118354	
16 Degree Red	200			118240	
17 Degree Powder Blue	200			118226	
21 Degree Olive Green	200			118339	

LF2400	BODIES		NPT Body	1	118134
			ACME Body (adapter required)	1	118311
ACME Anti-Theft Body (adapter required)	1	118310			
NPT Body with LF2400 Drive	1	A85200			
Anti-Theft ACME Body with LF2400 Drive	1	A85200AT			
Anti-Theft Screwdriver	1	118317			
DRIVE		Drive Only	1	118572	
		BODIES & DRIVES		Drive with NPT Body	1
Drive with Anti-Theft ACME Body	1			A85200AT	
NOZZLES		Green, 7/64", 0.109", 2.76mm	200	11809807	
		Tan, 30 Drill, 0.117", 2.97mm	200	11809830	
		Red, 1/8", 0.125", 3.18mm	200	11809808	
		Black, 29 Drill, 0.133", 3.38mm	200	11809829	
		Silver, 9/64", 0.141", 3.57mm	200	11809809	
		DEFLECTORS		10 Degree Lime	200
13 Degree Maroon	200			118600	
15 Degree Tangerine	200			118583	
22 Degree Dark Green	200			118585	

Item Numbers & Descriptions for Ordering Separately (continued)					
LF2400 LR	BODIES		NPT Body	1	118134
			ACME Body (adapter required)	1	118311
			ACME Anti-Theft Body (adapter required)	1	118310
			NPT Body with LF2400 Drive	1	A85200
			Anti-Theft ACME Body with LF2400 Drive	1	A85200AT
			Anti-Theft Screwdriver	1	118317
	DRIVE		Drive Only	1	118572
	BODIES & DRIVES		Drive with NPT Body	1	A85200
			Drive with Anti-Theft ACME Body	1	A85200AT
	NOZZLES		Silver, 9/64", 0.141", 3.57mm	200	11809809
			Brown, 5/32", 0.156", 3.97mm	200	11809810
			Dark Grey, 11/64", 0.172", 4.37mm	200	11809811
	DEFLECTORS		27 Degree Black	200	118602



### LF1200 Performance Data

### US Measurements

Matrix of Assemblies	Deflector	Nozzle	Stream Height (in.)	Flow Rate at Standard Pressures (gpm)								Model Number	
				Throw Radius at Standard Pressure (feet)								Item Number	
				25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi	NPT	ACME
	Orange (11809844) 44 Drill, 0.086"		14-20	1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N06P44	--	
				23	23	25	25	25	26	26	A85001B0644	--	
	Purple (11809806) 3/32", 0.094"		14-21	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98	LF12N06P06	LF12A06P06
				22	24	24	26	26	28	26	27	A85001B0606	A85003B0606
	Yellow (11809838) 38 Drill, 0.102"		16-21	1.49	1.63	1.77	1.89	2.00	2.12			LF12N06P38	--
				23	25	25	27	27	28			A85001B0638	--
	Blue (11809805) 5/64", 0.078"		19-29		0.97	1.05	1.12	1.19	1.25	1.31	1.37	LF12N10W05	LF12A10W05
					25	26	26	27	27	27	27	A85001B1005	A85003B1005
	Orange (11809844) 44 Drill, 0.086"		24-33		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N10W44	LF12A10W44
					25	27	27	28	27	30	29	A85001B1044	A85003B1044
	Purple (11809806) 3/32", 0.094"		22-34	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98	LF12N10W06	--
				26	28	28	28	29	29	29	29	A85001B1006	--
	Yellow (11809838) 38 Drill, 0.102"		24-34	1.49	1.63	1.77	1.89	2.00	2.12			LF12N10W38	LF12A10W38
				27	29	28	31	30	30			A85001B1038	A85003B1038
	Orange (11809844) 44 Drill, 0.086"		28-39		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N12B44	LF12A12B44
					27	28	29	29	29	30	30	A85001B1244	A85003B1244
	Purple (11809806) 3/32", 0.094"		28-40	1.27	1.39	1.5	1.61	1.71	1.8	1.89	1.98	LF12N12B06	LF12A12B06
				27	29	30	31	31	31	32	32	A85001B1206	A85003B1206
	Yellow (11809838) 38 Drill, 0.102"		30-43	1.49	1.63	1.77	1.89	2.00	2.12			LF12N12B38	LF12A12B38
				28	30	32	32	32	33			A85001B1238	A85003B1238
	Green (11809807) 7/64", 0.109"		30-41	1.69	1.85	2.00	2.15					LF12N12P07	LF12A12P07
				30	32	33	34					A85001B1207	A85003B1207
	Tan (11809830) 30 Drill, 0.117"		34-44	1.97	2.17	2.35	2.53					LF12N12P30	LF12A12P30
				31	33	34	35					A85001B1230	A85003B1230
	Blue (11809805) 5/64", 0.078"		46-59				1.12	1.19	1.25	1.31	1.37	LF12N16R05	LF12A16R05
							30	31	30	31	31	A85001B1605	A85003B1605
	Orange (11809844) 44 Drill, 0.086"		42-55		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N16R44	LF12A16R44
					31	32	32	32	32	32	32	A85001B1644	A85003B1644
	Purple (11809806) 3/32", 0.094"		40-55	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98	LF12N16R06	LF12A16R06
				30	31	32	33	33	34	34	34	A85001B1606	A85003B1606
	Yellow (11809838) 38 Drill, 0.102"		40-55	1.49	1.63	1.77	1.89	2.00	2.12			LF12N16R38	LF12A16R38
				30	31	33	33	33	32			A85001B1638	A85003B1638
	Blue (11809805) 5/64", 0.078"		41-55		0.97	1.05	1.12	1.19	1.25	1.31	1.37	LF12N17B05	--
					27	31	30	33	33	33	33	A85001B1705	--
	Orange (11809844) 44 Drill, 0.086"		49-60		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N17B44	LF12A17B44
					31	33	34	34	34	34	33	A85001B1744	A85003B1744
	Purple (11809806) 3/32", 0.094"		42-61	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98	LF12N17B06	--
				31	33	34	35	36	35	36	36	A85001B1706	--
	Yellow (11809838) 38 Drill, 0.102"		43-61	1.49	1.63	1.77	1.89	2.00	2.12			LF12N17B38	--
				32	34	35	36	36	37			A85001B1738	--
	Orange (11809844) 44 Drill, 0.086"		60-74		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N21G44	--
					34	34	34	35	35	35	35	A85001B2144	--
	Purple (11809806) 3/32", 0.094"		50-75	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98	LF12N21G06	LF12A21G06
				33	34	35	35	35	35	35	36	A85001B2106	A85003B2106
	Yellow (11809838) 38 Drill, 0.102"		53-72	1.49	1.63	1.77	1.89	2.00	2.12			LF12N21G38	LF12A21G38
				34	35	36	36	36	36			A85001B2138	A85003B2138

Sprinkler riser must be stable to achieve stated performance. Performance data based on 12 inch riser. Standard ACME body listed. Call for Item Numbers with Anti-Theft ACME body. 1-800-HELLO-AG

### LF1200 Performance Data

### Metric Measurements

Matrix of Assemblies	Deflector	Nozzle	Stream Height (cm)	Flow Rate at Standard Pressures (l/h)								Model Number	
				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		
	<b>6 Degree Dark Purple</b> 118285 Orange (11809844) 44 Drill, 0.086"		35-50	266	286	307	325	343	361	379	LF12N06P44	--	
				6.9	6.9	7.5	7.5	7.8	7.8	7.8	A85001B0644	--	
	<b>Purple</b> (11809806) 3/32", 0.094"		35-53	288	316	341	366	388	409	429	450	LF12N06P06	LF12A06P06
				6.6	7.2	7.2	7.8	7.8	8.4	7.8	8.1	A85001B0606	A85003B0606
	<b>Yellow</b> (11809838) 38 Drill, 0.102"		40-53	338	370	402	429	454	481			LF12N06P38	--
				6.9	7.5	7.5	8.1	8.1	8.4			A85001B0638	--
		<b>10 Degree White</b> 118231 Blue (11809805) 5/64", 0.078"		48-73	220	238	254	270	284	298	311	LF12N10W05	LF12A10W05
					7.5	7.8	7.8	8.1	8.1	8.1	8.1	A85001B1005	A85003B1005
		<b>Orange</b> (11809844) 44 Drill, 0.086"		60-83	266	286	307	325	343	361	379	LF12N10W44	LF12A10W44
7.5					8.1	8.1	8.4	8.1	9.0	8.7	A85001B1044	A85003B1044	
<b>Purple</b> (11809806) 3/32", 0.094"		55-86	288	316	341	366	388	409	429	450	LF12N10W06	--	
			7.8	8.4	8.4	8.4	8.7	8.7	8.7	8.7	A85001B1006	--	
<b>Yellow</b> (11809838) 38 Drill, 0.102"		60-86	338	370	402	429	454	481			LF12N10W38	LF12A10W38	
			8.1	8.7	8.4	9.3	9.0	9.0			A85001B1038	A85003B1038	
	<b>12 Degree Cyan Blue</b> 118262 Orange (11809844) 44 Drill, 0.086"		71-99	266	286	307	325	343	361	379	LF12N12B44	LF12A12B44	
				8.1	8.4	8.7	8.7	8.7	9.0	9.0	A85001B1244	A85003B1244	
	<b>Purple</b> (11809806) 3/32", 0.094"		71-101	288	316	341	366	388	409	429	450	LF12N12B06	LF12A12B06
8.1				8.7	9.0	9.3	9.3	9.39	9.6	9.6	A85001B1206	A85003B1206	
<b>Yellow</b> (11809838) 38 Drill, 0.102"		76-109	338	370	402	429	454	481			LF12N12B38	LF12A12B38	
			8.4	9.0	9.6	9.6	9.6	9.6			A85001B1238	A85003B1238	
	<b>12 Degree Pink</b> 118354 Green (11809807) 7/64", 0.109"		76-104	384	420	454	488				LF12N12P07	LF12A12P07	
				9.0	9.6	9.9	10.2					A85001B1207	A85003B1207
	<b>Tan</b> (11809830) 30 Drill, 0.117"		86-111	447	493	534	575					LF12N12P30	LF12A12P30
9.3				9.9	10.2	10.5					A85001B1230	A85003B1230	
	<b>16 Degree Red</b> 118240 Blue (11809805) 5/64", 0.078"		116-149	254	270	284	298	311			LF12N16R05	LF12A16R05	
				9.0	9.3	9.0	9.3	9.3	A85001B1605	A85003B1605			
	<b>Orange</b> (11809844) 44 Drill, 0.086"		106-139	266	286	307	325	343	361	379	LF12N16R44	LF12A16R44	
				9.3	9.6	9.6	9.6	9.6	9.6	9.6	A85001B1644	A85003B1644	
<b>Purple</b> (11809806) 3/32", 0.094"		101-139	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	A85001B1606	A85003B1606	
<b>Yellow</b> (11809838) 38 Drill, 0.102"		101-139	338	370	402	429	454	481			LF12N16R38	LF12A16R38	
			9.0	9.3	9.9	9.9	9.9	9.6			A85001B1638	A85003B1638	
	<b>17 Degree Powder Blue</b> 118226 Blue (11809805) 5/64", 0.078"		104-139	220	238	254	270	284	298	311	LF12N17B05	--	
				8.1	9.3	9.0	9.9	9.9	9.9	9.9	A85001B1705	--	
	<b>Orange</b> (11809844) 44 Drill, 0.086"		124-152	266	286	307	325	343	361	379	LF12N17B44	LF12A17B44	
				9.3	9.9	10.2	10.2	10.2	10.2	9.9	A85001B1744	A85003B1744	
<b>Purple</b> (11809806) 3/32", 0.094"		106-154	288	316	341	366	388	409	429	450	LF12N17B06	--	
			9.3	9.9	10.2	10.5	10.8	10.5	10.8	10.8	A85001B1706	--	
<b>Yellow</b> (11809838) 38 Drill, 0.102"		109-154	338	370	402	429	454	481			LF12N17B38	--	
			9.6	10.2	10.5	10.8	10.8	11.1			A85001B1738	--	
	<b>21 Degree Olive Green</b> 118339 Orange (11809844) 44 Drill, 0.086"		152-187	266	286	307	325	343	361	379	LF12N21G44	--	
				10.2	10.2	10.2	10.5	10.5	10.5	10.5	A85001B2144	--	
	<b>Purple</b> (11809806) 3/32", 0.094"		127-190	288	316	341	366	388	409	429	450	LF12N21G06	LF12A21G06
9.9				10.2	10.5	10.5	10.5	10.5	10.5	10.8	A85001B2106	A85003B2106	
<b>Yellow</b> (11809838) 38 Drill, 0.102"		134-182	338	370	402	429	454	481			LF12N21G38	LF12A21G38	
			10.2	10.5	10.8	10.8	10.8	10.8			A85001B2138	A85003B2138	

Sprinkler riser must be stable to achieve stated performance. Performance data based on 30cm riser. Standard ACME body listed. Call for Item Numbers with Anti-Theft ACME body. 1-800-HELLO-AG

LF2400 Performance Data

























US Measurements

Deflector	Nozzle	Stream Height (in.)	Flow Rate at Standard Pressures (gpm) Throw Radius at Standard Pressure (feet)								Model Number Item Number	
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi	NPT	ACME
<b>10 Degree Lime</b> 118599 	<b>Green</b> (11809807) 7/64", 0.109" 	20-38	1.69	1.85	2.00	2.15	2.28	2.45	2.57	2.70	LF24N10L07	LF24A10L07
			27	29	30	32	33	34	34	35	A85201C1007	A85203C1007
	<b>Tan</b> (11809830) 30 Drill, 0.117" 	24-38	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09	LF24N10L30	LF24A10L30
			29	30	32	33	34	35	35	36	A85201C1030	A85203C1030
	<b>Red</b> (11809808) 1/8", 0.125" 	42-41	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52	LF24N10L08	--
		30	32	33	34	35	36	36	36	A85201C1008	--	
	<b>Black</b> (11809829) 29 Drill, 0.133" 	30-48	2.52	2.81	3.03	3.25	3.45	3.60	3.75	3.88	LF24N10L29	LF24A10L29
		30	32	33	35	35	36	36	37	A85201C1029	A85203C1029	
	<b>Silver</b> (11809809) 9/64", 0.141" 	32-44	2.93	3.27	3.53	3.78	4.02				LF24N10L09	--
		32	34	35	36	37				A85201C1009	--	
<b>13 Degree Maroon</b> 118600 	<b>Green</b> (11809807) 7/64", 0.109" 	28-50	1.69	1.85	2.00	2.15	2.28	2.45	2.57	2.70	LF24N13M07	LF24A13M07
			30	31	32	33	34	34	35	35	A85201C1307	A85203C1307
	<b>Tan</b> (11809830) 30 Drill, 0.117" 	30-48	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09	LF24N13M30	--
			31	32	33	36	35	36	36	36	A85201C1330	--
	<b>Red</b> (11809808) 1/8", 0.125" 	32-49	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52	LF24N13M08	LF24A13M08
		31	33	34	35	36	37	38	37	A85201C1308	A85203C1308	
	<b>Black</b> (11809829) 29 Drill, 0.133" 	33-50	2.52	2.81	3.03	3.25	3.45	3.60	3.75	3.88	LF24N13M29	--
		32	33	34	35	36	36	37	37	A85201C1329	--	
	<b>Silver</b> (11809809) 9/64", 0.141" 	38-54	2.93	3.27	3.53	3.78	4.02				LF24N13M09	LF24A13M09
		33	36	37	38	39				A85201C1309	A85203C1309	
<b>15 Degree Tangerine</b> 118583 	<b>Green</b> (11809807) 7/64", 0.109" 	32-50	1.69	1.85	2.00	2.15	2.28	2.45	2.57	2.70	LF24N15T07	LF24A15T07
			31	32	33	34	35	35	36	37	A85201C1507	A85203C1507
	<b>Tan</b> (11809830) 30 Drill, 0.117" 	28-50	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09	LF24N15T30	--
			30	33	34	36	36	36	37	37	A85201C1530	--
	<b>Red</b> (11809808) 1/8", 0.125" 	35-54	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52	LF24N15T08	--
		32	34	35	37	37	37	37	37	A85201C1508	--	
	<b>Black</b> (11809829) 29 Drill, 0.133" 	40-67	2.52	2.81	3.03	3.25	3.45	3.60	3.75	3.88	LF24N15T29	--
		32	36	37	38	38	39	39	40	A85201C1529	--	
	<b>Silver</b> (11809809) 9/64", 0.141" 	42-57	2.93	3.27	3.53	3.78	4.02				LF24N15T09	LF24A15T09
		34	36	37	39	39				A85201C1509	A85203C1509	
<b>22 Degree Dark Green</b> 118585 	<b>Green</b> (11809807) 7/64", 0.109" 	63-95	1.69	1.85	2.00	2.15	2.28	2.45	2.57	2.70	LF24N22G07	LF24A22G07
			36	38	38	38	39	39	39	39	A85201C2207	A85203C2207
	<b>Tan</b> (11809830) 30 Drill, 0.117" 	64-97	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09	LF24N22G30	LF24A22G30
			36	38	39	40	41	41	41	42	A85201C2230	A85203C2230
	<b>Red</b> (11809808) 1/8", 0.125" 	67-100	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52	LF24N22G08	LF24A22G08
		36	39	40	41	41	43	43	44	A85201C2208	A85203C2208	
	<b>Black</b> (11809829) 29 Drill, 0.133" 	74-120	2.52	2.81	3.03	3.25	3.45	3.60	3.75	3.88	LF24N22G29	LF24A22G29
		38	41	42	42	43	44	44	44	A85201C2229	A85203C2229	
	<b>Silver</b> (11809809) 9/64", 0.141" 	72-102	2.93	3.27	3.53	3.78	4.02				LF24N22G09	LF24A22G09
		39	40	43	44	45				A85201C2209	A85203C2209	

Sprinkler riser must be stable to achieve stated performance. Performance data based on 12 inch riser. Standard ACME body listed. Call for Item Numbers with Anti-Theft ACME body. 1-800-HELLO-AG

## LF2400 Performance Data

## Metric Measurements

Deflector	Nozzle	Stream Height (cm)	Flow Rate at Standard Pressures (l/h)									Model Number	
			Throw Radius at Standard Pressure (m)									Item Number	
			1.7 bar	2.1 bar	2.4 bar	2.8 bar	3.1 bar	3.5 bar	3.8 bar	4.2 bar	NPT	ACME	
 <b>10 Degree Lime</b> 118599	<b>Green</b> (11809807) 7/64", 2.76mm 	50-96	<b>384</b>	<b>420</b>	<b>454</b>	<b>488</b>	<b>518</b>	<b>556</b>	<b>584</b>	<b>613</b>	LF24N10L07	LF24A10L07	
			8.1	8.7	9.0	9.6	9.9	10.2	10.2	10.5	A85201C1007	A85203C1007	
	<b>Tan</b> (11809830) 30 Drill, 2.97mm 	60-96	<b>447</b>	<b>493</b>	<b>534</b>	<b>575</b>	<b>606</b>	<b>638</b>	<b>670</b>	<b>702</b>	LF24N10L30	LF24A10L30	
			8.7	9.0	9.6	9.9	10.2	10.5	10.5	10.8	A85201C1030	A85203C1030	
	<b>Red</b> (11809808) 1/8", 3.18mm 	60-104	<b>509</b>	<b>568</b>	<b>613</b>	<b>656</b>	<b>697</b>	<b>727</b>	<b>763</b>	<b>799</b>	LF24N10L08	--	
		9.0	9.6	9.9	10.2	10.5	10.8	10.8	10.8	A85201C1008	--		
	<b>Black</b> (11809829) 29 Drill, 3.38mm 	76-121	<b>572</b>	<b>638</b>	<b>688</b>	<b>738</b>	<b>784</b>	<b>818</b>	<b>852</b>	<b>881</b>	LF24N10L29	LF24A10L29	
		9.0	9.6	9.9	10.5	10.5	10.8	10.8	11.1	A85201C1029	A85203C1029		
	<b>Silver</b> (11809809) 9/64", 3.57mm 	81-111	<b>665</b>	<b>743</b>	<b>802</b>	<b>858</b>	<b>913</b>				LF24N10L09	--	
		9.6	10.2	10.5	10.8	11.1				A85201C1009	--		
 <b>13 Degree Maroon</b> 118600	<b>Green</b> (11809807) 7/64", 2.76mm 	71-127	<b>384</b>	<b>420</b>	<b>454</b>	<b>488</b>	<b>518</b>	<b>556</b>	<b>584</b>	<b>613</b>	LF24N13M07	LF24A13M07	
			9.0	9.3	9.6	9.9	10.2	10.2	10.5	10.5	A85201C1307	A85203C1307	
	<b>Tan</b> (11809830) 30 Drill, 2.97mm 	76-121	<b>447</b>	<b>493</b>	<b>534</b>	<b>575</b>	<b>606</b>	<b>638</b>	<b>670</b>	<b>702</b>	LF24N13M30	--	
			9.3	9.6	9.9	10.8	10.5	10.8	10.8	10.8	A85201C1330	--	
	<b>Red</b> (11809808) 1/8", 3.18mm 	81-127	<b>509</b>	<b>568</b>	<b>613</b>	<b>656</b>	<b>697</b>	<b>727</b>	<b>763</b>	<b>799</b>	LF24N13M08	LF24A13M08	
		9.3	9.9	10.2	10.5	10.8	11.1	11.4	11.1	A85201C1308	A85203C1308		
	<b>Black</b> (11809829) 29 Drill, 3.38mm 	86-127	<b>572</b>	<b>638</b>	<b>688</b>	<b>738</b>	<b>784</b>	<b>818</b>	<b>852</b>	<b>881</b>	LF24N13M29	--	
		9.6	9.9	10.2	10.5	10.8	10.8	11.1	11.1	A85201C1329	--		
	<b>Silver</b> (11809809) 9/64", 3.57mm 	96-137	<b>665</b>	<b>743</b>	<b>802</b>	<b>858</b>	<b>913</b>				LF24N13M09	LF24A13M09	
		9.9	10.8	11.1	11.4	11.7				A85201C1309	A85203C1309		
 <b>15 Degree Tangerine</b> 118583	<b>Green</b> (11809807) 7/64", 2.76mm 	81-127	<b>384</b>	<b>420</b>	<b>454</b>	<b>488</b>	<b>518</b>	<b>556</b>	<b>584</b>	<b>613</b>	LF24N15T07	LF24A15T07	
			9.3	9.6	9.9	10.2	10.5	10.5	10.8	11.1	A85201C1507	A85203C1507	
	<b>Tan</b> (11809830) 30 Drill, 2.97mm 	71-127	<b>447</b>	<b>493</b>	<b>534</b>	<b>575</b>	<b>606</b>	<b>638</b>	<b>670</b>	<b>702</b>	LF24N15T30	--	
			9.0	9.9	10.2	10.8	10.8	10.8	11.1	11.1	A85201C1530	--	
	<b>Red</b> (11809808) 1/8", 3.18mm 	88-137	<b>509</b>	<b>568</b>	<b>613</b>	<b>656</b>	<b>697</b>	<b>727</b>	<b>763</b>	<b>799</b>	LF24N15T08	--	
		9.6	10.2	10.5	11.1	11.1	11.1	11.1	11.1	A85201C1508	--		
	<b>Black</b> (11809829) 29 Drill, 3.38mm 	101-170	<b>572</b>	<b>638</b>	<b>688</b>	<b>738</b>	<b>784</b>	<b>818</b>	<b>852</b>	<b>881</b>	LF24N15T29	--	
		9.6	10.8	11.1	11.4	11.4	11.7	11.7	12.0	A85201C1529	--		
	<b>Silver</b> (11809809) 9/64", 3.57mm 	106-144	<b>665</b>	<b>743</b>	<b>802</b>	<b>858</b>	<b>913</b>				LF24N15T09	LF24A15T09	
		10.2	10.8	11.1	11.7	11.7				A85201C1509	A85203C1509		
 <b>22 Degree Dark Green</b> 118585	<b>Green</b> (11809807) 7/64", 2.76mm 	160-241	<b>384</b>	<b>420</b>	<b>454</b>	<b>488</b>	<b>518</b>	<b>556</b>	<b>584</b>	<b>613</b>	LF24N22G07	LF24A22G07	
			10.8	11.4	11.4	11.4	11.7	11.7	11.7	11.7	A85201C2207	A85203C2207	
	<b>Tan</b> (11809830) 30 Drill, 2.97mm 	162-246	<b>447</b>	<b>493</b>	<b>534</b>	<b>575</b>	<b>606</b>	<b>638</b>	<b>670</b>	<b>702</b>	LF24N22G30	LF24A22G30	
			10.8	11.4	11.7	12.0	12.3	12.3	12.3	12.6	A85201C2230	A85203C2230	
	<b>Red</b> (11809808) 1/8", 3.18mm 	170-254	<b>509</b>	<b>568</b>	<b>613</b>	<b>656</b>	<b>697</b>	<b>727</b>	<b>763</b>	<b>799</b>	LF24N22G08	LF24A22G08	
		10.8	11.7	12.0	12.3	12.3	12.9	12.9	13.2	A85201C2208	A85203C2208		
	<b>Black</b> (11809829) 29 Drill, 3.38mm 	287-304	<b>572</b>	<b>636</b>	<b>688</b>	<b>738</b>	<b>784</b>	<b>818</b>	<b>852</b>	<b>881</b>	LF24N22G29	LF24A22G29	
		11.4	12.3	12.6	12.6	12.9	13.2	13.2	13.2	A85201C2229	A85203C2229		
	<b>Silver</b> (11809809) 9/64", 3.57mm 	182-259	<b>665</b>	<b>743</b>	<b>802</b>	<b>858</b>	<b>913</b>				LF24N22G09	LF24A22G09	
		11.7	12.0	12.9	13.2	13.5				A85201C2209	A85203C2209		

Sprinkler riser must be stable to achieve stated performance. Performance data based on 30 cm riser. Standard ACME body listed. Call for Item Numbers with Anti-Theft ACME body. 1-800-HELLO-AG



## LF2400 Long Range Performance Data

### US Measurements

Matrix of Assemblies	Deflector	Nozzle	Stream Height (inch)	Flow Rate at Standard Pressures (gpm) Throw Radius at Standard Pressure (feet)								Model Number Item Number		
				25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi	½" NPT	ACME	ACME w/¾" NPT ADAPTER
	Silver (11809809) 9/64" 0.143"		76-116	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	A85201C2709	A85203C2709	A85223C2709
	Brown (11809810) 5/32" 0.156"		78-118	3.64	3.99	4.31	4.60	4.88	5.15	5.40	5.64	LF24N27B10	LF24A27B10	LF24A27B10A
				38	40	42	44	44	45	46	46	A85201C2710	A85203C2710	A85223C2710
	Dark Grey (11809811) 11/64" 0.172"		80-120	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	A85201C2711	A85203C2711	A85223C2711

### Metric Measurements

Matrix of Assemblies	Deflector	Nozzle	Stream Height (cm)	Flow Rate at Standard Pressures (l/h) Throw Radius at Standard Pressure (m)								Model Number Item Number		
				1.7 bar	2.1 bar	2.4 bar	2.8 bar	3.1 bar	3.5 bar	3.8 bar	4.2 bar	½" NPT	ACME	ACME w/¾" NPT ADAPTER
	Silver (11809809) 9/64" 3.63mm		193-295	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	A85201C2709	A85203C2709	A85223C2709
	Brown (11809810) 5/32" 3.97mm		198-300	827	906	979	1,045	1,108	1,170	1,226	1,281	LF24N27B10	LF24A27B10	LF24A27B10A
				11.6	12.2	12.8	13.4	13.4	13.7	14.0	14.0	A85201C2710	A85203C2710	A85223C2710
	Dark Grey (11809811) 11/64" 4.37mm		203-305	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	A85201C2711	A85203C2711	A85223C2711

ACME x ¾" Male NPT Adapter - Item Number: 118297

ACME x 20mm x 25mm Female Slip Adapter - Item Number: 118294

Sprinkler riser must be stable to achieve stated performance. Performance data based on 30 cm riser.

Standard ACME body listed. Call for Item Numbers with Anti-Theft ACME body. 1-800-HELLO-AG



### Adapters and Accessories

#### Adapter Options

##### ACME x Male NPT Adapter



- ACME x Male 1/2" NPT  
Item 118292
- ACME x Male 3/4" NPT  
Item 118297

##### ACME to Slip Adapter



- ACME x Male 1/2" x 3/4" Slip (Gray)  
Item 118328
- ACME x 20mm x 25mm Slip (White)  
Item 118294

#### Accessories



##### Edge Guard

The Rain Bird Edge Guard for LF Series Sprinklers provides you with the ability to keep water out of unwanted areas. Whether it is a road, a walkway, or just the end of the field, the Edge Guard takes the water from the sprinkler stream and redirects it back into the desired area.

Item 118366



##### Stream Splitter

Stream Splitters splits the water to avoid direct water streams into tree trunks, equipment, and general areas that do not need watering.

Item 118259



##### Anti-Theft Option

###### Horizontal

Item 118307

###### Vertical

Item 118308

Can be ordered factory installed or as spare parts for field installation. Requires Anti-theft screwdriver

Item 118317

Model Number	Item Number	Description
LF12T10W05	A85013B1005	LF 1200 ACME AT 10DEG WHT 05BL
LF12T12B06	A85013B1206	LF 1200 ACME AT 12DEG BLU 06PL
LF12T12P07	A85013B1207	LF 1200 ACME AT 12DEG PNK 07GN
LF12T16R06	A85013B1606	LF 1200 ACME AT 16DEG RED 06PL
LF24T13M07	A85213C1307	LF2400 ACME AT 13DEG MAR 07GRN