

### LF Series Sprinkler

The Rain Bird® LF Series Sprinkler is built rugged to withstand the harsh conditions in agricultural applications. It has been designed to combine the advantages of an impact sprinkler with stream height flexibility that delivers precise, uniform and unrivaled water distribution.

This low-flow sprinkler series offers full-circle operation with a variety of color-coded nozzles and deflector inserts that snap into place with a push of a finger, making accommodations to every setup a snap.



#### Features and Benefits

- ◆ High Distribution Uniformity
  - Weighted drive disk provides an increased dwell time between stream interruptions to achieve the maximum distance of throw
  - The deflector's water path is designed with break-up features that maximize throw distance and optimize uniformity
  - During impact, the Precision Jet (PJ) spoon guides the water stream gently away from the riser preventing erosion at the riser base
- ◆ Most Robust Sprinkler in its Class
  - Patented Ceramic Radial Bearing (CRB) is longer lasting than conventional counterparts
  - Patented Flow Dependent Brake (FDB) stabilizes rotation time over a range of water pressures
  - Provides consistent performance at high temperatures and below freezing
  - Deflector made of composite engineered thermoplastic
    - Provides dimensional stability
    - Resists wear caused by dirty water conditions
  - Drive disk made of engineered thermoplastic
    - Shields and protects sprinkler from freezing, wind-blown and water-borne debris
  - Springs and pin composed of high-grade stainless steel for corrosion resistance

- Ultraviolet (UV) stabilizer protects the sprinkler from the sun
- ◆ Easy to Use
  - One sprinkler separates into four parts: the drive unit, body, deflector and nozzle
  - No special tools required
    - EZ-twist tabs allow simple removal of the drive unit
    - Nozzles and deflectors snap in place with the push of a finger
  - Color coded nozzles and deflectors allow easy identification
  - Weed Guard blocks weeds from growing into the sprinkler and stopping the rotations

#### Accessories

- Edge Guard is specially designed to optimize water throw back across varying flows, pressures, and trajectories to keep water out of certain areas
- Splash Guard fits over the top of the sprinkler and directs water downwards when removing or replacing the sprinkler, allowing users to change or clean nozzles without getting soaked
- Stream Splitter blocks approximately 20% of the sprinkler's pattern to avoid unwanted watering

#### Operating Range

- Pressure: 25 to 60 psi (1.7 to 4.1 bar)
- Flow Rate: 0.8 to 3.9 gpm (181 to 886 l/hr)

#### Specifications

- 1/2" (13 mm) NPT male pipe thread
- 23mm Acme male thread (requires special adapter)
- Anti-theft Acme bodies available
- Nozzle Sizes:
  - White 0.0703" (1.79mm, 50 drill)
  - Blue 0.078" (1.98mm, 5/64")
  - Orange 0.086" (2.18mm, 44 drill)
  - Purple 0.094" (2.39mm, 3/32")
  - Yellow 0.102" (2.59mm, 38 drill)
  - Green 0.109" (2.76mm, 7/64")
  - Tan 0.117" (2.97mm, 30 drill)
  - Red 0.1250" (3.18mm, 1/8")
  - Black 0.1325" (3.37mm, 29 drill)
  - Silver 0.1406" (3.57mm, 9/64)
- Deflector trajectory outlets are:
  - 6° (Yellow)
  - 6° (Dark Purple)
  - 10° (White)
  - 12° (Copper)
  - 12° (Cyan Blue)
  - 12° (Pink)
  - 15° (Brown)
  - 15° (Tangerine)
  - 16° (Red)
  - 17° (Powder Blue)
  - 21° (Olive Green)
  - 21° (Dark Green)

#### How to Specify/Order:

<b>LF 12 - N - 12B - 06</b>		
<u>Assembled Unit</u>	<u>Thread</u>	<u>Nozzle Size</u>
	N = NPT A = Acme	50 = white 05 = blue 44 = orange 06 = purple 38 = yellow 07 = green 30 = tan 08 = red 29 = black 09 = silver
<u>Drive Unit</u>		
08 = LF800 12 = LF1200 24 = LF2400		
	<u>Deflector Degree</u>	
	06Y = 6 degrees, yellow 06P = 6 degrees, dark purple 10W = 10 degrees, white 12C = 12 degrees, copper 12B = 12 degrees, cyan blue 12P = 12 degrees, pink 15B = 15 degrees, brown 15T = 15 degrees, tangerine 16R = 16 degrees, red 17B = 17 degrees, powder blue 21G = 21 degrees, olive green 22G = 22 degrees, dark green	



### **Performance Data**

Please click on the appropriate link for performance data:

LF800 - U.S. Standard  
LF800 - English Metric  
LF1200 - U.S. Standard  
LF1200 - English Metric  
LF1200 - Spanish Metric  
LF2400 - U.S. Standard  
LF2400 - English Metric

### **Specifications**

The full circle sprinkler shall be of a stationary interchangeable nozzle type, with an impact driven rotation and single interchangeable deflector, capable of covering \_\_\_ (feet, meters) radius, at \_\_\_ pounds per square inch (psi) (or bars), a stream height of \_\_\_ (inches, centimeters) with a discharge rate of \_\_\_ (gph, l/hr).

The sprinkler shall require no tools for installation or operation. The sprinkler shall accept \_\_\_ interchangeable color-coded nozzles with \_\_\_ color-coded deflectors. The drive unit shall be removed from the sprinkler body with or without the sprinkler in operation. Removal of the drive unit from the body shall allow access to the deflector. The sprinkler body shall be removed from the riser for nozzle replacement. Deflectors shall be designed to match individual nozzle sizes and provide a water profile that yields optimum uniformity at a multitude of spacings.

There shall be no dynamic or rotating seals in the sprinkler. The nozzle shall seal to the sprinkler body through a stationary pressure-activated seal that does not wear

out over time or need replacement. The main bearing shall be made of a ceramic material for ultra low wear in the dirtiest and grittiest environment. The fulcrum pin is of a patent pending configuration that shall be made of a high grade stainless steel for superior wear resistance in the worst abrasive environments. The main brake washers shall consist of a very durable integrated plastic capable of enduring gritty and abrasive environments.

The sprinkler shall maintain rotation times of under 80 seconds for 1.0 to 1.5 gpm and under 60 seconds for 2.0 to 3.9 gpm (under 120 seconds for blue and white nozzle applications). The sprinkler may experience a break-in period where it shall perform out of the factory between 10-40 seconds depending on flow. The sprinkler shall be an excellent frost protection sprinkler because of its uniformity patterns.

The amount of time between impacts shall be much greater giving the advantage of holding the stream stationary for longer periods of time, allowing the water stream to attain a maximum radius of throw. The time to travel full circle shall remain more consistent through the different flow rates because braking action is done with water momentum as opposed to line pressure.

The LF Series Sprinkler shall be as manufactured by Rain Bird Corporation, Glendora, California.

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#### **Rain Bird Corporation**

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### LF800 Series Sprinkler Performance Charts - U.S. Units

Deflector Options	Nozzle	Performance	US Standard Operating Pressures and Flows							
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi
<b>6° Yellow</b> Stream Height: 12-21" 	White, 50 drill .070"	Radius (ft)		23*	24*	25*	25*	25*	26*	26*
		Flow (gpm)		0.77*	0.83*	0.89*	0.96*	1.01*	1.06*	1.11*
	Blue, 5/64" .078"	Radius (ft)	22	24	25	26	26	27	27	27
		Flow (gpm)	0.88	0.97	1.05	1.12	1.19	1.25	1.31	1.37
<b>9° Purple</b> Stream Height: 16-30" 	White, 50 drill .070"	Radius (ft)		25*	25*	26*	26*	27*	27*	27*
		Flow (gpm)		0.77*	0.83*	0.89*	0.96*	1.01*	1.06*	1.11*
	Blue, 5/64" .078"	Radius (ft)	25	26	27	28	28	28	28	29
		Flow (gpm)	0.88	0.97	1.05	1.12	1.19	1.25	1.31	1.37
<b>12° Copper</b> Stream Height: 27-41" 	White, 50 drill .070"	Radius (ft)		26*	27*	28*	28*	28*	28*	28*
		Flow (gpm)		0.77*	0.83*	0.89*	0.96*	1.01*	1.06*	1.11*
	Blue, 5/64" .078"	Radius (ft)	27	28	30	30	31	31	31	31
		Flow (gpm)	0.88	0.97	1.05	1.12	1.19	1.25	1.31	1.37
Orange, 44 drill .086"	Radius (ft)	28	30	31	32	32	33	33	34	
	Flow (gpm)	1.07	1.17	1.26	1.35	1.43	1.51	1.59	1.67	
<b>15° Brown</b> Stream Height: 32-50" 	Blue, 5/64" .078"	Radius (ft)	28	30	31	31	33	33	33	33
		Flow (gpm)	0.88	0.97	1.05	1.12	1.19	1.25	1.31	1.37

\* Sprinkler riser must be stabilized to achieve stated sprinkler performance. Please call 1-800-HELLOAG to speak with a Rain Bird representative about specific recommendations to stabilize risers.

### LF800 Series Sprinkler Performance Charts - Metric Units








Deflector Options	Nozzle	Performance	Metric Operating Pressures and Flows							
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi
<b>6° Yellow</b> Stream Height: 30-53cm 	White, 50 drill 1.79mm	Radius (m)		7.01*	7.32*	7.62*	7.62*	7.62*	7.92*	7.92*
		Flow (L/hr)		175*	189*	202*	218*	229*	241*	252*
	Blue, 5/64" 1.98mm	Radius (m)	6.71	7.32	7.62	7.92	7.92	8.23	8.23	8.23
		Flow (L/hr)	200	220	238	254	270	284	298	311
<b>9° Purple</b> Stream Height: 41-76cm 	White, 50 drill 1.79mm	Radius (m)		7.62*	7.62*	7.92*	7.92*	8.23*	8.23*	8.23*
		Flow (L/hr)		175*	189*	202*	218*	229*	241*	252*
	Blue, 5/64" 1.98mm	Radius (m)	7.62	7.92	8.23	8.53	8.53	8.53	8.53	8.84
		Flow (L/hr)	200	220	238	254	270	284	298	311
<b>12° Copper</b> Stream Height: 69-104cm 	White, 50 drill 1.79mm	Radius (m)		7.92*	8.23*	8.53*	8.53*	8.53*	8.53*	8.53*
		Flow (L/hr)		175*	189*	202*	218*	229*	241*	252*
	Blue, 5/64" 1.98mm	Radius (m)	8.23	8.53	9.14	9.14	9.45	9.45	9.45	9.45
		Flow (L/hr)	200	220	238	254	270	284	298	311
Orange, 44 drill 2.18mm	Radius (m)	8.53	9.14	9.45	9.75	9.75	10.06	10.06	10.36	
	Flow (L/hr)	243	266	286	307	325	343	361	379	
<b>15° Brown</b> Stream Height: 81-127cm 	Blue, 5/64" 1.98mm	Radius (m)	8.53	9.14	9.45	9.45	10.06	10.06	10.06	10.06
		Flow (L/hr)	200	220	238	254	270	284	298	311

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### LF1200 Series Sprinkler Performance Charts - U.S. Units








Deflector Options	Nozzle	Performance	US Standard Operating Pressures and Flows							
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi
6° Dark Purple Stream Height: 14-24" 	Orange, 44 drill .086"	Radius (ft)		24	25	26	26	27	27	27
		Flow (gpm)		1.17	1.26	1.35	1.43	1.51	1.59	1.67
	Purple, 3/32" .094"	Radius (ft)	24	26	27	28	28	29	29	29
		Flow (gpm)	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98
	Yellow, 38 drill .102"	Radius (ft)	23	25	25	27	27	28		
		Flow (gpm)	1.49	1.63	1.77	1.89	2.00	2.12		
10° White Stream Height: 19-34" 	Blue, 5/64" .078"	Radius (ft)		24*	25*	26*	26*	27*	27*	27*
		Flow (gpm)		0.97*	1.05*	1.12*	1.19*	1.25*	1.31*	1.37*
	Orange, 44 drill .086"	Radius (ft)		25	27	27	27	27	30	29
		Flow (gpm)		1.17	1.26	1.35	1.43	1.51	1.59	1.67
	Purple, 3/32" .094"	Radius (ft)	26	27	28	29	29	29	29	29
		Flow (gpm)	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98
Yellow, 38 drill .102"	Radius (ft)	27	28	28	30	30	30			
	Flow (gpm)	1.49	1.63	1.77	1.89	2.00	2.12			
12° Cyan Blue Stream Height: 28-40" 	Orange, 44 drill .086"	Radius (ft)		27	28	29	29	29	29	30
		Flow (gpm)		1.17	1.26	1.35	1.43	1.51	1.59	1.67
	Purple, 3/32" .094"	Radius (ft)	27	29	30	31	31	31	31	32
		Flow (gpm)	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98
	Yellow, 38 drill .102"	Radius (ft)	30	30	32	32	32	32		
		Flow (gpm)	1.49	1.63	1.77	1.89	2.00	2.12		
12° Pink Stream Height: 30-44" 	Green, 7/64" .109"	Radius (ft)	30	32	33	34				
		Flow (gpm)	1.69	1.85	2.00	2.15				
	Tan, 30 drill .117"	Radius (ft)	31	33	34	35				
		Flow (gpm)	1.97	2.17	2.35	2.53				
16° Red Stream Height: 39-59" 	Blue, 5/64" .078"	Radius (ft)				30*	30*	31*	31*	31*
		Flow (gpm)				1.12*	1.19*	1.25*	1.31*	1.37*
	Orange, 44 drill .086"	Radius (ft)		31	32	32	32	32	32	32
		Flow (gpm)		1.17	1.26	1.35	1.43	1.51	1.59	1.67
	Purple, 3/32" .094"	Radius (ft)	30	31	32	33	33	34	34	34
		Flow (gpm)	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98
Yellow, 38 drill .102"	Radius (ft)	30	31	33	33	33	32			
	Flow (gpm)	1.49	1.63	1.77	1.89	2.00	2.12			
17° Powder Blue Stream Height: 41-61" 	Blue, 5/64" .078"	Radius (ft)		28*	29*	30*	30*	31*	32*	33*
		Flow (gpm)		0.97*	1.05*	1.12*	1.19*	1.25*	1.31*	1.37*
	Orange, 44 drill .086"	Radius (ft)		31	33	33	34	33	34	33
		Flow (gpm)		1.17	1.26	1.35	1.43	1.51	1.59	1.67
	Purple, 3/32" .094"	Radius (ft)	31	33	34	35	35	34	36	35
		Flow (gpm)	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98
Yellow, 38 drill .102"	Radius (ft)	32	34	35	36	36	37			
	Flow (gpm)	1.49	1.63	1.77	1.89	2.00	2.12			
21° Olive Green Stream Height: 50-73" 	Orange, 44 drill .086"	Radius (ft)		34	34	34	35	35	35	35
		Flow (gpm)		1.17	1.26	1.35	1.43	1.51	1.59	1.67
	Purple, 3/32" .094"	Radius (ft)	33	34	35	35	35	35	35	36
		Flow (gpm)	1.27	1.39	1.50	1.61	1.71	1.80	1.89	1.98
	Yellow, 38 drill .102"	Radius (ft)	34	35	36	36	36	36		
		Flow (gpm)	1.49	1.63	1.77	1.89	2.00	2.12		

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**LF1200 Series Sprinkler Performance Charts - Metric Units**

Deflector Options	Nozzle	Performance	Metric Standard Operating Pressures and Flows							
			1.7 Bar	2.1 Bar	2.4 Bar	2.8 Bar	3.1 Bar	3.4 Bar	3.8 Bar	4.1 Bar
<b>6° Dark Purple</b> Stream Height: 35-61cm 	<b>Orange, 44 drill</b> 2.18mm	Radius (m)		7.32	7.62	7.92	7.92	8.23	8.23	8.23
		Flow (L/hr)		266	286	307	325	343	361	379
	<b>Purple, 3/32"</b> 2.39mm	Radius (m)	7.32	7.92	8.23	8.53	8.53	8.84	8.84	8.84
		Flow (L/hr)	289	316	341	366	388	409	429	450
	<b>Yellow, 38 drill</b> 2.59mm	Radius (m)	7.01	7.62	7.62	8.23	8.23	8.53		
		Flow (L/hr)	339	370	402	429	454	481		
<b>10° White</b> Stream Height: 48-86cm 	<b>Blue, 5/64"</b> 1.98mm	Radius (m)		7.30*	7.60*	7.90*	7.90*	8.20*	8.20*	8.20*
		Flow (L/hr)		220*	238*	255*	270*	284*	298*	311*
	<b>Orange, 44 drill</b> 2.18mm	Radius (m)		7.62	8.23	8.23	8.23	8.23	9.14	8.84
		Flow (L/hr)		266	286	307	325	343	361	379
	<b>Purple, 3/32"</b> 2.39mm	Radius (m)	7.92	8.23	8.53	8.84	8.84	8.84	8.84	8.84
		Flow (L/hr)	289	316	341	366	388	409	429	450
<b>Yellow, 38 drill</b> 2.59mm	Radius (m)	8.23	8.53	8.53	9.14	9.14	9.14			
	Flow (L/hr)	339	370	402	429	454	481			
<b>12° Cyan Blue</b> Stream Height: 71-101cm 	<b>Orange, 44 drill</b> 2.18mm	Radius (m)		8.23	8.84	8.84	8.84	8.84	8.84	9.14
		Flow (L/hr)		266	286	307	325	343	361	379
	<b>Purple, 3/32"</b> 2.39mm	Radius (m)	8.23	8.84	9.45	9.45	9.45	9.45	9.45	9.75
		Flow (L/hr)	289	316	341	366	388	409	429	450
	<b>Yellow, 38 drill</b> 2.59mm	Radius (m)	9.14	9.14	9.75	9.75	9.75	9.75		
		Flow (L/hr)	339	370	402	429	454	481		
<b>12° Pink</b> Stream Height: 76-112cm 	<b>Green, 7/64"</b> 2.76mm	Radius (m)	9.14	9.75	10.06	10.36				
		Flow (L/hr)	384	420	454	488				
	<b>Tan, 30 drill</b> 2.97mm	Radius (m)	9.45	10.06	10.36	10.67				
		Flow (L/hr)	447	493	534	575				
<b>16° Red</b> Stream Height: 99-150cm 	<b>Blue, 5/64"</b> 1.98mm	Radius (m)				9.10*	9.10*	9.40*	9.40*	9.40*
		Flow (L/hr)				255*	270*	284*	298*	311*
	<b>Orange, 44 drill</b> 2.18mm	Radius (m)		9.45	9.75	9.75	9.75	9.75	9.75	9.75
		Flow (L/hr)		266	286	307	325	343	361	379
	<b>Purple, 3/32"</b> 2.39mm	Radius (m)	9.14	9.45	9.75	10.06	10.06	10.36	10.36	10.36
		Flow (L/hr)	289	316	341	366	388	409	429	450
<b>Yellow, 38 drill</b> 2.59mm	Radius (m)	9.14	9.45	10.06	10.06	10.06	9.75			
	Flow (L/hr)	339	370	402	429	454	481			
<b>17° Powder Blue</b> Stream Height: 104-155cm 	<b>Blue, 5/64"</b> 1.98mm	Radius (m)		8.50*	8.80*	9.10*	9.10*	9.40*	9.80*	10.10*
		Flow (L/hr)		220*	239*	255*	270*	284*	298*	311*
	<b>Orange, 44 drill</b> 2.18mm	Radius (m)		9.45	10.06	10.06	10.36	10.06	10.36	10.06
		Flow (L/hr)		266	286	307	325	343	361	379
	<b>Purple, 3/32"</b> 2.39mm	Radius (m)	9.45	10.06	10.36	10.67	10.67	10.36	10.97	10.67
		Flow (L/hr)	289	316	341	366	388	409	429	450
<b>Yellow, 38 drill</b> 2.59mm	Radius (m)	9.45	10.36	10.67	10.97	10.97	11.27			
	Flow (L/hr)	339	370	402	429	454	481			
<b>21° Olive Green</b> Stream Height: 127-185cm 	<b>Orange, 44 drill</b> 2.18mm	Radius (m)		10.36	10.36	10.36	10.66	10.66	10.66	10.66
		Flow (L/hr)		266	286	307	325	343	361	379
	<b>Purple, 3/32"</b> 2.39mm	Radius (m)	10.05	10.36	10.66	10.66	10.66	10.66	10.66	11.00
		Flow (L/hr)	289	316	341	366	388	409	429	450
	<b>Yellow, 38 drill</b> 2.59mm	Radius (m)	10.36	10.66	11.00	11.00	11.00	11.00		
		Flow (L/hr)	339	370	402	429	454	481		

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**Tablas de rendimiento del aspersor de la serie LF1200 – Aspersor colocado a 30 cm de altura**

Deflector	Boquilla	Desempeño	Presiones y Caudales de Operacion - Sistema Métrico							
			1.7 Bar	2.1 Bar	2.4 Bar	2.8 Bar	3.1 Bar	3.4 Bar	3.8 Bar	4.1 Bar
6° Púrpura Altura de Chorro: 35-61cm	Naranja, 44 drill 2.18mm	Radio (m)		7.32	7.62	7.92	7.92	8.23	8.23	8.23
		Caudal (L/hr)		266	286	307	325	343	361	379
	Púrpura, 3/32" 2.39mm	Radio (m)	7.32	7.92	8.23	8.53	8.53	8.84	8.84	8.84
		Caudal (L/hr)	289	316	341	366	388	409	429	450
	Amarillo, 38 drill 2.59mm	Radio (m)	7.01	7.62	7.62	8.23	8.23	8.53		
		Caudal (L/hr)	339	370	402	429	454	481		
10° Blanco Altura de Chorro: 48-86cm	Azul, 5/64" 1.98mm	Radio (m)		7.30*	7.60*	7.90*	7.90*	8.20*	8.20*	8.20*
		Caudal (L/hr)		220*	238*	255*	270*	284*	298*	311*
	Naranja, 44 drill 2.18mm	Radio (m)		7.62	8.23	8.23	8.23	8.23	9.14	8.84
		Caudal (L/hr)		266	286	307	325	343	361	379
	Púrpura, 3/32" 2.39mm	Radio (m)	7.92	8.23	8.53	8.84	8.84	8.84	8.84	8.84
		Caudal (L/hr)	289	316	341	366	388	409	429	450
Amarillo, 38 drill 2.59mm	Radio (m)	8.23	8.53	8.53	9.14	9.14	9.14			
	Caudal (L/hr)	339	370	402	429	454	481			
12° Azul Altura de Chorro: 71-101cm	Naranja, 44 drill 2.18mm	Radio (m)		8.23	8.84	8.84	8.84	8.84	8.84	9.14
		Caudal (L/hr)		266	286	307	325	343	361	379
	Púrpura, 3/32" 2.39mm	Radio (m)	8.23	8.84	9.45	9.45	9.45	9.45	9.45	9.75
		Caudal (L/hr)	289	316	341	366	388	409	429	450
	Amarillo, 38 drill 2.59mm	Radio (m)	9.14	9.14	9.75	9.75	9.75	9.75		
		Caudal (L/hr)	339	370	402	429	454	481		
12° Rosa Altura de Chorro: 76-112cm	Verde, 7/64" 2.76mm	Radio (m)	9.14	9.75	10.06	10.36				
		Caudal (L/hr)	384	420	454	488				
	Canela, 30 drill 2.97mm	Radio (m)	9.45	10.06	10.36	10.67				
		Caudal (L/hr)	447	493	534	575				
16° Rojo Altura de Chorro: 99-150cm	Azul, 5/64" 1.98mm	Radio (m)				9.10*	9.10*	9.40*	9.40*	9.40*
		Caudal (L/hr)				255*	270*	284*	298*	311*
	Naranja, 44 drill 2.18mm	Radio (m)		9.45	9.75	9.75	9.75	9.75	9.75	9.75
		Caudal (L/hr)		266	286	307	325	343	361	379
	Púrpura, 3/32" 2.39mm	Radio (m)	9.14	9.45	9.75	10.06	10.06	10.36	10.36	10.36
		Caudal (L/hr)	289	316	341	366	388	409	429	450
Amarillo, 38 drill 2.59mm	Radio (m)	9.14	9.45	10.06	10.06	10.06	9.75			
	Caudal (L/hr)	339	370	402	429	454	481			
17° Azul Pastel Altura de Chorro: 104-155cm	Azul, 5/64" 1.98mm	Radio (m)		8.50*	8.80*	9.10*	9.10*	9.40*	9.80*	10.10*
		Caudal (L/hr)		220*	239*	255*	270*	284*	298*	311*
	Naranja, 44 drill 2.18mm	Radio (m)		9.45	10.06	10.06	10.36	10.06	10.36	10.06
		Caudal (L/hr)		266	286	307	325	343	361	379
	Púrpura, 3/32" 2.39mm	Radio (m)	9.45	10.06	10.36	10.67	10.67	10.36	10.97	10.67
		Caudal (L/hr)	289	316	341	366	388	409	429	450
Amarillo, 38 drill 2.59mm	Radio (m)	9.45	10.36	10.67	10.97	10.97	11.27			
	Caudal (L/hr)	339	370	402	429	454	481			
21° Verde Olivo Altura de Chorro: 127-185cm	Naranja, 44 drill 2.18mm	Radio (m)		10.36	10.36	10.36	10.66	10.66	10.66	10.66
		Caudal (L/hr)		266	286	307	325	343	361	379
	Púrpura, 3/32" 2.39mm	Radio (m)	10.05	10.36	10.66	10.66	10.66	10.66	10.66	11.00
		Caudal (L/hr)	289	316	341	366	388	409	429	450
	Amarillo, 38 drill 2.59mm	Radio (m)	10.36	10.66	11.00	11.00	11.00	11.00		
		Caudal (L/hr)	339	370	402	429	454	481		

\*Para alcanzar los desempeños anotados del aspersor se debe tener los elevadores estabilizados. Favor de llamar al 1-800-435-5624 para hablar con un representante de Rain Bird acerca de recomendaciones específicas.







**LF2400 Series Sprinkler Performance Charts - U.S. Units**

Deflector Options	Nozzle	Performance	US Standard Operating Pressures and Flows							
			25 psi	30 psi	35 psi	40 psi	45 psi	50 psi	55 psi	60 psi
<b>10° Lime</b> Stream Height: 24-41" 	Tan, 32 drill .117"	Radius (ft)	29	30	32	33	34	35	35	36
		Flow (gpm)	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09
	Red, 8/64" .125"	Radius (ft)	30	32	33	34	35	36	36	36
		Flow (gpm)	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52
	Silver, 9/64" .143"	Radius (ft)	32	34	35	36	36			
		Flow (gpm)	2.93	3.27	3.53	3.78	4.02			
<b>13° Maroon</b> Stream Height: 30-50" 	Tan, 32 drill .117"	Radius (ft)	31	32	33	35	35	36	36	36
		Flow (gpm)	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09
	Red, 8/64" .125"	Radius (ft)	31	33	34	35	36	37	38	38
		Flow (gpm)	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52
	Silver, 9/64" .143"	Radius (ft)	33	36	37	38	39			
		Flow (gpm)	2.93	3.27	3.53	3.78	4.02			
<b>15° Tangerine</b> Stream Height: 28-55" 	Tan, 32 drill .117"	Radius (ft)	30	33	34	36	36	36	37	37
		Flow (gpm)	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09
	Red, 8/64" .125"	Radius (ft)	32	34	35	37	37	37	37	37
		Flow (gpm)	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52
	Silver, 9/64" .143"	Radius (ft)	34	36	37	39	39			
		Flow (gpm)	2.93	3.27	3.53	3.78	4.02			
<b>22° Dark Green</b> Stream Height: 59-102" 	Green, 7/64" .109"	Radius (ft)	34	37	37	38	39	39	39	39
		Flow (gpm)	1.69	1.85	2.00	2.15	2.28	2.45	2.57	2.70
	Tan, 32 drill .117"	Radius (ft)	36	38	39	40	41	41	41	42
		Flow (gpm)	1.97	2.17	2.35	2.53	2.67	2.81	2.95	3.09
	Red, 8/64" .125"	Radius (ft)	36	39	40	41	41	43	43	44
		Flow (gpm)	2.24	2.50	2.70	2.89	3.07	3.20	3.36	3.52
	Black, 29 drill .133"	Radius (ft)	38	41	42	42	43	44		
		Flow (gpm)	2.52	2.81	3.03	3.25	3.45	3.60		
	Silver, 9/64" .143"	Radius (ft)	39	40	43	44	45			
		Flow (gpm)	2.93	3.27	3.53	3.78	4.02			

**Rain Bird is continuously developing new nozzles and deflectors.  
 Contact us for the latest releases.**



**LF2400 Series Sprinkler Performance Charts - Metric Units**

Deflector Options	Nozzle	Performance	Metric Standard Operating Pressures and Flows							
			1.7 Bar	2.1 Bar	2.4 Bar	2.8 Bar	3.1 Bar	3.4 Bar	3.8 Bar	4.1 Bar
<b>10° Lime</b> Stream Height: 61-104cm 	Tan, 32 drill 2.97mm	Radius (m)	8.84	9.14	9.75	10.06	10.36	10.67	10.67	11.28
		Flow (L/hr)	447	493	534	575	606	638	670	702
	Red, 8/64" 3.18mm	Radius (m)	9.14	9.75	10.06	10.36	10.67	10.97	10.97	10.97
		Flow (L/hr)	509	568	613	656	697	727	763	799
	Silver, 9/64" 3.63mm	Radius (m)	9.75	10.36	10.67	10.97	10.97			
		Flow (L/hr)	665	742	802	859	913			
<b>13° Maroon</b> Stream Height: 76-89cm 	Tan, 32 drill 2.97mm	Radius (m)	9.45	9.75	10.06	10.67	10.67	10.97	10.97	10.97
		Flow (L/hr)	447	493	534	575	606	638	670	702
	Red, 8/64" 3.18mm	Radius (m)	9.45	10.06	10.36	10.67	10.97	11.28	11.58	11.58
		Flow (L/hr)	509	568	613	656	697	727	763	799
	Silver, 9/64" 3.63mm	Radius (m)	10.06	10.97	11.28	11.58	11.89			
		Flow (L/hr)	665	742	802	859	913			
<b>15° Tangerine</b> Stream Height: 71-140cm 	Tan, 32 drill 2.97mm	Radius (m)	9.14	10.06	10.36	10.97	10.97	10.97	11.28	11.28
		Flow (L/hr)	447	493	534	575	606	638	670	702
	Red, 8/64" 3.18mm	Radius (m)	9.75	10.36	10.67	11.28	11.28	11.28	11.28	11.28
		Flow (L/hr)	509	568	613	656	697	727	763	799
	Silver, 9/64" 3.63mm	Radius (m)	10.36	10.97	11.28	11.89	11.89			
		Flow (L/hr)	665	742	802	859	913			
<b>22° Dark Green</b> Stream Height: 150-259cm 	Green, 7/64" 2.77mm	Radius (m)	10.36	11.28	11.28	11.58	11.89	11.89	11.89	11.89
		Flow (L/hr)	384	420	454	488	518	556	584	613
	Tan, 32 drill 2.97mm	Radius (m)	10.97	11.58	11.89	12.19	12.50	12.50	12.50	12.80
		Flow (L/hr)	447	493	534	575	606	638	670	702
	Red, 8/64" 3.18mm	Radius (m)	10.97	11.89	12.19	12.50	12.50	13.11	13.11	13.41
		Flow (L/hr)	509	568	613	656	697	727	763	799
	Black, 29 drill 3.38mm	Radius (m)	11.58	12.50	12.80	12.80	13.11	13.41		
		Flow (L/hr)	572	638	688	738	784	818		
	Silver, 9/64" 3.63mm	Radius (m)	11.89	12.19	13.11	13.41	13.72			
		Flow (L/hr)	665	742	802	859	913			

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