

Performance Data

US Measurements

Matrix of Assemblies	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
	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
					23	23	25	25	25	26	26	A85001B0644	A85003B0644
		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	LF12A06P38
				23	25	25	27	27	28			A85001B0638	A85003B0638
	10 Degree White 118231	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	LF12A10W06
				26	28	28	28	29	29	29	29	A85001B1006	A85003B1006
	12 Degree Cyan Blue 118262	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	LF12N12B12	LF12A12B12
				27	29	30	31	31	31	32	32	A85001B1206	A85003B1206
	12 Degree Pink 118354	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
	16 Degree Red 118240	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
	17 Degree Powder Blue 118226	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	LF12A17B05
					27	31	30	33	33	33	33	A85001B1705	A85003B1705
		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
	21 Degree Olive Green 118339	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	LF12A17B06
				31	33	34	35	36	35	36	36	A85001B1706	A85003B1706
		Yellow (11809838) 38 Drill, 0.102"	43-61	1.49	1.63	1.77	1.89	2.00	2.12			LF12N17B38	LF12A17B38
				32	34	35	36	36	37			A85001B1738	A85003B1738
		Orange (11809844) 44 Drill, 0.086"	60-74		1.17	1.26	1.35	1.43	1.51	1.59	1.67	LF12N21G44	LF12A21G44
					34	34	34	35	35	35	35	A85001B2144	A85003B2144
		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.

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				
	6 Degree Dark Purple 118285	Orange (11809844) 44 Drill, 0.086"	35-50		266	286	307	325	343	361	379	LF12N06P44	LF12A06P44		
				6.9	6.9	7.5	7.5	7.8	7.8	7.8	A85001B0644	A85003B0644			
		Purple (11809806) 3/32", 0.094"	35-53	288	316	341	366	388	409	429	450	LF12N06P06	LF12A06P06		
		10 Degree White 118231			6.6	7.2	7.2	7.8	7.8	8.4	7.8	8.1	A85001B0606	A85003B0606	
			Yellow (11809838) 38 Drill, 0.102"	40-53	338	370	402	429	454	481			LF12N06P38	LF12A06P38	
					6.9	7.5	7.5	8.1	8.1	8.4			A85001B0638	A85003B0638	
			12 Degree Cyan Blue 118262	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	8.1	A85001B1005	A85003B1005
				Orange (11809844) 44 Drill, 0.086"	60-83		266	286	307	325	343	361	379	LF12N10W44	LF12A10W44
			12 Degree Pink 118354			7.5	8.1	8.1	8.4	8.1	9.0	8.7		A85001B1044	A85003B1044
				Purple (11809806) 3/32", 0.094"	55-86	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	A85001B1006	A85003B1006
			16 Degree Red 118240	Yellow (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
				Orange (11809844) 44 Drill, 0.086"	71-99		266	286	307	325	343	361	379	LF12N12B44	LF12A12B44
			17 Degree Powder Blue 118226			8.1	8.4	8.7	8.7	8.7	9.0	9.0		A85001B1244	A85003B1244
				Purple (11809806) 3/32", 0.094"	71-101	288	316	341	366	388	409	429	450	LF12N12B12	LF12A12B12
						8.1	8.7	9.0	9.3	9.3	9.39	9.6	9.6	A85001B1206	A85003B1206
			21 Degree Olive Green 118339	Yellow (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
				Green (11809807) 7/64", 0.109"	76-104	384	420	454	488					LF12N12P07	LF12A12P07
			21 Degree Olive Green 118339			9.0	9.6	9.9	10.2					A85001B1207	A85003B1207
				Tan (11809830) 30 Drill, 0.117"	86-111	447	493	534	575					LF12N12P30	LF12A12P30
						9.3	9.9	10.2	10.5					A85001B1230	A85003B1230
			21 Degree Olive Green 118339	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
				Orange (11809844) 44 Drill, 0.086"	106-139		266	286	307	325	343	361	379	LF12N16R44	LF12A16R44
			21 Degree Olive Green 118339			9.3	9.6	9.6	9.6	9.6	9.6	9.6		A85001B1644	A85003B1644
				Purple (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
			21 Degree Olive Green 118339	Yellow (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
				Blue (11809805) 5/64", 0.078"	104-139		220	238	254	270	284	298	311	LF12N17B05	LF12A17B05
			21 Degree Olive Green 118339			8.1	9.3	9.0	9.9	9.9	9.9	9.9		A85001B1705	A85003B1705
				Orange (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
			21 Degree Olive Green 118339	Purple (11809806) 3/32", 0.094"	106-154	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	A85001B1706	A85003B1706
				Yellow (11809838) 38 Drill, 0.102"	109-154	338	370	402	429	454	481			LF12N17B38	LF12A17B38
			21 Degree Olive Green 118339			9.6	10.2	10.5	10.8	10.8	11.1			A85001B1738	A85003B1738
				Orange (11809844) 44 Drill, 0.086"	152-187		266	286	307	325	343	361	379	LF12N21G44	LF12A21G44
						10.2	10.2	10.2	10.5	10.5	10.5	10.5	10.5	A85001B2144	A85003B2144
			21 Degree Olive Green 118339	Purple (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
				Yellow (11809838) 38 Drill, 0.102"	134-182	338	370	402	429	454	481			LF12N21G38	LF12A21G38
			21 Degree Olive Green 118339			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.

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