

XLR 24 Nozzle Throw Range   Fixed 24° Trajectory										
Pressure psi	0.47"		0.63"		0.79"		0.94"		1.10"	
	Flow gpm	Radius ft.	Flow gpm	Radius ft.	Flow gpm	Radius ft.	Flow gpm	Radius ft.	Flow gpm	Radius ft.
30	35	81	62	96	97	99	139	102	189	104
40	40	93	71	107	112	120	161	125	219	130
50	45	103	80	117	125	133	180	141	245	151
60	50	109	87	124	137	141	197	152	268	166
70	54	113	94	129	148	147	212	160	289	176
80	57	118	101	135	158	153	227	167	309	185
90	61	122	107	141	168	158	241	174	328	193
100	64	125	113	145	177	163	254	180	346	198
110	67	128	118	148	186	166	266	184	363	202

XLR 24 Nozzle Throw Range   Fixed 24° Trajectory										METRIC
Pressure bar	12 mm		16 mm		20 mm		24 mm		28 mm	
	Flow m³/h	Radius m	Flow m³/h	Radius m	Flow m³/h	Radius m	Flow m³/h	Radius m	Flow m³/h	Radius m
2.0	7.8	24.2	13.8	28.9	21.7	29.4	31.1	30.2	42.3	30.9
2.5	8.7	26.8	15.4	31.3	24.2	33.8	34.7	35.1	47.3	36.5
3.0	9.6	29.4	16.9	33.7	26.5	38.2	38.0	39.9	51.8	42.1
3.5	10.3	31.2	18.2	35.5	28.7	40.4	41.1	42.9	56.0	45.9
4.0	11.1	32.9	19.5	37.3	30.7	42.5	43.9	45.8	59.8	49.7
4.5	11.7	33.9	20.7	38.6	32.5	43.9	46.6	47.6	63.5	52.0
5.0	12.4	34.8	21.8	39.8	34.3	45.2	49.1	49.3	66.9	54.3
5.5	13.0	35.7	22.9	41.1	35.9	46.5	51.5	50.9	70.2	56.2
6.0	13.5	36.6	23.9	42.4	37.5	47.7	53.8	52.5	73.3	58.1
6.5	14.1	37.4	24.9	43.3	39.1	48.7	56.0	53.7	76.3	59.3
7.0	14.6	38.2	25.8	44.2	40.6	49.7	58.1	54.9	79.2	60.6



**XLR 44 Nozzle Throw Range / Fixed 44° Trajectory**

Pressure psi	0.47"			0.63"			0.79"			0.94"			1.10"		
	Flow gpm	Radius ft.	Height ft.	Flow gpm	Radius ft.	Height ft.	Flow gpm	Radius ft.	Height ft.	Flow gpm	Radius ft.	Height ft.	Flow gpm	Radius ft.	Height ft.
40	40	82	37	71	98	38	112	113	39	161	121	40	219	128	41
50	45	91	43	80	108	45	125	125	47	180	135	48	245	144	50
60	50	97	48	87	116	51	137	135	54	197	146	56	268	157	58
70	54	102	51	94	122	55	148	142	59	212	154	62	289	165	66
80	57	107	54	101	127	59	158	148	64	227	160	68	309	172	72
90	61	110	56	107	132	62	168	153	68	241	165	72	328	177	77
100	64	113	58	113	135	65	177	157	71	254	169	76	346	182	82
110	67	115	60	118	137	66	186	160	73	266	172	79	363	185	85
120	70	116	61	124	139	68	194	161	75	278	175	81	379	188	87

**XLR 44 Nozzle Throw Range / Fixed 44° Trajectory** **METRIC**

Pressure bar	12 mm			16 mm			20 mm			24 mm			28 mm		
	Flow m³/h	Radius m	Height m	Flow m³/h	Radius m	Height m	Flow m³/h	Radius m	Height m	Flow m³/h	Radius m	Height m	Flow m³/h	Radius m	Height m
3.0	9.6	26.1	11.9	16.9	31.0	12.3	26.5	35.9	12.7	38.0	38.5	13.1	51.8	41.0	13.4
3.5	10.3	27.7	13.1	18.2	33.0	13.7	28.7	38.2	14.4	41.1	41.1	14.9	56.0	44.0	15.3
4.0	11.1	29.3	14.3	19.5	34.9	15.1	30.7	40.6	16.0	43.9	43.8	16.6	59.8	47.1	17.3
4.5	11.7	30.4	15.1	20.7	36.3	16.1	32.5	42.2	17.2	46.6	45.6	18.1	63.5	49.0	18.9
5.0	12.4	31.5	15.9	21.8	37.7	17.1	34.3	43.9	18.4	49.1	47.4	19.5	66.9	51.0	20.5
5.5	13.0	32.4	16.4	22.9	38.7	17.9	35.9	45.1	19.4	51.5	48.7	20.6	70.2	52.3	21.8
6.0	13.5	33.3	17.0	23.9	39.8	18.7	37.5	46.3	20.3	53.8	50.0	21.7	73.3	53.6	23.0
6.5	14.1	33.9	17.4	24.9	40.5	19.2	39.1	47.1	21.0	56.0	50.9	22.5	76.3	54.6	24.1
7.0	14.6	34.5	17.9	25.8	41.2	19.8	40.6	48.0	21.7	58.1	51.8	23.4	79.2	55.6	25.1
7.5	15.1	34.8	18.1	26.7	41.7	20.2	42.0	48.5	22.2	60.1	52.4	24.0	82.0	56.3	25.8
8.0	15.6	35.2	18.4	27.6	42.1	20.6	43.4	49.0	22.7	62.1	53.0	24.6	84.6	57.0	26.4

The performance data were obtained under ideal testing conditions and may be adversely affected by wind and other factors. Pressure refers to pressure at nozzle. A lowered trajectory angle improves the irrigation efficiency in windy conditions. For every 3° drop of the trajectory angle the throw is reduced by approx. 3 to 4% Radius = radius of throw in feet. Nozzle at 5 feet above ground level. Height = maximum stream height in meters above nozzle.

**XLR ADJ Nozzle Throw Range | Adjustable Trajectory**

- For every 3° drop of the trajectory angle, the throw is reduced by approximately 3 to 4%.
- Use the XLR 24 Nozzle Throw Range Table for your pressure and nozzle diameter.