Highly Adaptable for Any Environment.

Every work site is unique—from water pressure and topography to size, shape and requirements. The XLR Series Water Jets were built for easy customization. Regardless of your challenge, these rotors are always up to the task.

IRRIGATION

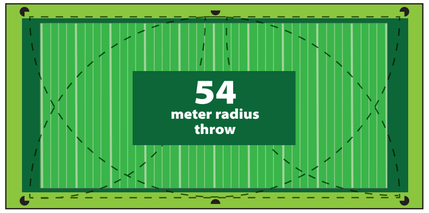
Highly uniform distribution means you can effectively irrigate large areas without flooding or pooling in overwatered zones.

- Synthetic Turf
- Natural Turf
- Agriculture
- Log Irrigation

DUST CONTROL

Designed to quickly and evenly put down water, you can tame dust in a fraction of the time.

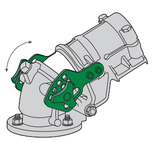
- Feed Yards
- Stables
- Mining



Use multiple part-circles to cover large areas.

XLR ADJ Water Jet

With an adjustable trajectory from 15° to 45°, the XLR ADJ gives you added flexibility for adapting to winds, obstacles and power lines.



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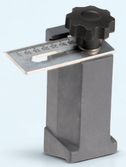
XLR SERIES WATER JETS

RAIN BIRD®

The World's Most Advanced Long-Range Rotor.

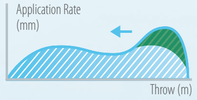
For many applications, the ability to quickly and efficiently water large areas with just a few long-range rotors can make a big impact on the bottom line. Saving water, time and money—that's what the Rain Bird® XLR Series is all about. Built to the highest quality standards and loaded with industry-leading water- and cost-saving innovations, Rain Bird XLR Series Water Jets outperform and outlast competing long-range impact rotors.



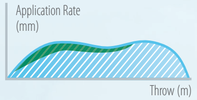
Never Waste a Drop

With a powerful throw and a dedicated focus on even water distribution, XLR Water Jets eliminate overwatering and runoff while maximizing your water efficiency. A self-adjusting automatic brake system ensures your rotors maintain a constant rotation speed while a dynamic jet-breaker corrects uneven distribution that's common in low-pressure settings.

Low pressure water distribution profile



Improved distribution uniformity with Dynamic Jet-Breaker in low pressure condition and Solid-Set systems



Intelligently Designed for Smart Savings

- The intelligent design of the deflector, barrel and nozzle require less water pressure to operate.
- Durable, lightweight materials requires less force to initiate or change motion.

XLR Nozzles (Sold Separately)

Choose from nine different nozzle sizes to get the throw range your job site needs. Each nozzle is manufactured with technical polymers, with a unique shape that minimizes pressure loss while maximizing throw.

Build Your Perfect Water Jet.

With three models and a variety of available nozzles that allow you to modify throw range based on your water pressure and work site, XLR Series Water Jets have the capacity to adapt to your exact needs.

XLR 24

- Fixed 24° Trajectory
- Nine Available Nozzles
- Throw Range of 28 m – 54 m
- Part- and Full-Circle Model
- 2" Flange Inlet

XLR 44

- Fixed 44° Trajectory
- Nine Available Nozzles
- Throw Range of 26 m – 53 m
- Part- and Full-Circle Model
- 2" Flange Inlet

XLR ADJ

- Adjustable trajectory from 15° to 45°
- Nine Available Nozzles from 12–28 mm
- Part- and Full-Circle Model
- 2" Flange Inlet

XLR 24 Nozzle Throw Range | Fixed 24° Trajectory

	12 mm (0.47")		14 mm (0.55")		16 mm (0.63")		18 mm (0.71")		20 mm (0.79")		22 mm (0.87")		24 mm (0.94")		26 mm (1.02")		28 mm (1.10")	
bar	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	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	10,6	26,5	13,8	28,9	17,5	29,1	21,7	29,4	26,1	29,8	31,1	30,2	36,7	30,6	42,3	30,9
2,5	8,7	26,8	11,9	29,0	15,4	31,3	19,5	32,5	24,2	33,8	29,2	34,4	34,7	35,1	41,0	35,8	47,3	36,5
3,0	9,6	29,4	13,0	31,6	16,9	33,7	21,4	35,9	26,5	38,2	31,9	39,1	38,0	39,9	44,9	41,0	51,8	42,1
3,5	10,3	31,2	14,1	33,3	18,2	35,5	23,1	37,9	28,7	40,4	34,5	41,6	41,1	42,9	48,5	44,4	56,0	45,9
4,0	11,1	32,9	15,1	35,1	19,5	37,3	24,7	39,9	30,7	42,5	36,9	44,2	43,9	45,8	51,8	47,8	59,8	49,7
4,5	11,7	33,9	16,0	36,2	20,7	38,6	26,2	41,2	32,5	43,9	39,1	45,7	46,6	47,6	55,0	49,8	63,5	52,0
5,0	12,4	34,8	16,8	37,3	21,8	39,8	27,6	42,5	34,3	45,2	41,2	47,3	49,1	49,3	58,0	51,8	66,9	54,3
5,5	13,0	35,7	17,7	38,4	22,9	41,1	29,0	43,8	35,9	46,5	43,2	48,7	51,5	50,9	60,8	53,5	70,2	56,2
6,0	13,5	36,6	18,4	39,5	23,9	42,4	30,3	45,0	37,5	47,7	45,2	50,1	53,8	52,5	63,5	55,3	73,3	58,1
6,5	14,1	37,4	19,2	40,4	24,9	43,3	31,5	46,0	39,1	48,7	47,0	51,2	56,0	53,7	66,1	56,5	76,3	59,3
7,0	14,6	38,2	19,9	41,2	25,8	44,2	32,7	46,9	40,6	49,7	48,8	52,3	58,1	54,9	68,6	57,7	79,2	60,6

Pressure

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%.

XLR 44 Nozzle Throw Range | Fixed 44° Trajectory

	12mm (0.47")			14mm (0.55")			16mm (0.63")			18mm (0.71")			20mm (0.79")			22mm (0.87")			24mm (0.94")			26 mm (1.02")			28 mm (1.10")		
bar	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	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	13,0	28,5	12,1	16,9	31,0	12,3	21,4	33,5	12,5	26,5	35,9	12,7	31,9	37,2	12,9	38,0	38,5	13,1	44,9	39,7	13,3	51,8	41,0	13,4
3,5	10,3	27,7	13,1	14,1	30,3	13,4	18,2	33,0	13,7	23,1	35,6	14,0	28,7	38,2	14,4	34,5	39,7	14,6	41,1	41,1	14,9	48,5	42,6	15,1	56,0	44,0	15,3
4,0	11,1	29,3	14,3	15,1	32,1	14,7	19,5	34,9	15,1	24,7	37,8	15,6	30,7	40,6	16,0	36,9	42,2	16,3	43,9	43,8	16,6	51,8	45,5	17,0	59,8	47,1	17,3
4,5	11,7	30,4	15,1	16,0	33,4	15,6	20,7	36,3	16,1	26,2	39,3	16,7	32,5	42,2	17,2	39,1	43,9	17,6	46,6	45,6	18,1	55,0	47,3	18,5	63,5	49,0	18,9
5,0	12,4	31,5	15,9	16,8	34,6	16,5	21,8	37,7	17,1	27,6	40,8	17,8	34,3	43,9	18,4	41,2	45,7	19,0	49,1	47,4	19,5	58,0	49,2	20,0	66,9	51,0	20,5
5,5	13,0	32,4	16,4	17,7	35,6	17,2	22,9	38,7	17,9	29,0	41,9	18,6	35,9	45,1	19,4	43,2	46,9	20,0	51,5	48,7	20,6	60,8	50,5	21,2	70,2	52,3	21,8
6,0	13,5	33,3	17,0	18,4	36,5	17,8	23,9	39,8	18,7	30,3	43,0	19,5	37,5	46,3	20,3	45,2	48,1	21,0	53,8	50,0	21,7	63,5	51,8	22,3	73,3	53,6	23,0
6,5	14,1	33,9	17,4	19,2	37,2	18,3	24,9	40,5	19,2	31,5	43,8	20,1	39,1	47,1	21,0	47,0	49,0	21,8	56,0	50,9	22,5	66,1	52,7	23,3	76,3	54,6	24,1
7,0	14,6	34,5	17,9	19,9	37,8	18,8	25,8	41,2	19,8	32,7	44,6	20,7	40,6	48,0	21,7	48,8	49,9	22,5	58,1	51,8	23,4	68,6	53,7	24,2	79,2	55,6	25,1
7,5	15,1	34,8	18,1	20,6	38,2	19,1	26,7	41,7	20,2	33,8	45,1	21,2	42,0	48,5	22,2	50,5	50,4	23,1	60,1	52,4	24,0	71,0	54,3	24,9	82,0	56,3	25,8
8,0	15,6	35,2	18,4	21,3	38,7	19,5	27,6	42,1	20,6	34,9	45,5	21,6	43,4	49,0	22,7	52,2	51,0	23,6	62,1	53,0	24,6	73,3	55,0	25,5	84,6	57,0	26,4

Pressure

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.
Radius = radius of throw in meters. Nozzle at 1,5 meters 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.*