

LX ADJUSTABLE ARC NOZZLES (AAN)

Weathermatic's AAN adjustable arc nozzle series offers easy grip-and-turn adjustment, wet or dry. Exceptional uniform coverage. Flows increase or decrease proportionately with radius adjustment to maintain matched precipitation rates (MPR) between radii and arcs within a radius.

FEATURES

- Fits LX Series Sprinklers, LXS, 72 and 73 Shrub
- Easy arc adjustment.
- Color-coded for easy identification
- Stainless steel radius adjustment screw
- Screens included with nozzles
- Reusable, dual compartment ziploc bags for organizing nozzles and strainers



OPERATING DATA








- Precipitation Rate: 1.30 to 2.28 in/hr (33 to 57 mm/hr)
- Pressure: 20 to 40 psi (1,4 to 2,8 bars)

LX ADJUSTABLE ARC NOZZLE SPECIFICATION

Model	Radius
8A	8 – 9 ft
10A	10 – 11 ft
12A	12 – 13 ft
15A	15 – 16 ft
17A	16 – 17 ft
METRIC	
Model	Radius
8A	2,4 – 2,7 m
10A	3,0 – 3,4 m
12A	3,7 – 4,0 m
15A	4,6 – 4,9 m
17A	5,2 – 5,5 m

LX ADJUSTABLE ARC NOZZLES

(METRIC ON NEXT PAGE)

Arc	Pressure psi	NOZZLE: 8A Trajectory: 0° Color Code: YELLOW		NOZZLE: 10A Trajectory: 5° Color Code: RED		NOZZLE: 12A Trajectory: 15° Color Code: GREEN		NOZZLE: 15A Trajectory: 30° Color Code: BLACK		NOZZLE: 17A Trajectory: 30° Color Code: GREY	
		Radius ft	Flow gpm	Radius ft	Flow gpm	Radius ft	Flow gpm	Radius ft	Flow gpm	Radius ft	Flow gpm
45° 	20	8	0.37	10	0.40	12	0.40	15	0.35	16	0.40
	25	8	0.43	10	0.46	12	0.45	15	0.40	16	0.43
	30	8	0.50	10	0.49	12	0.49	15	0.43	16	0.47
	35	9	0.50	11	0.53	13	0.53	16	0.47	17	0.50
90° 	20	8	0.75	10	0.79	12	0.81	15	0.69	16	0.79
	25	8	0.86	10	0.92	12	0.90	15	0.80	16	0.86
	30	9	0.96	10	0.98	12	0.99	15	0.85	16	0.94
	35	9	1.00	11	1.06	13	1.05	16	0.95	17	1.00
120° 	20	8	0.99	10	1.05	12	1.07	15	0.92	16	1.05
	25	8	1.15	10	1.22	12	1.20	15	1.07	16	1.15
	30	8	1.27	10	1.31	12	1.31	15	1.13	16	1.25
	35	9	1.33	11	1.41	13	1.40	16	1.26	17	1.33
180° 	20	8	1.49	10	1.58	12	1.61	15	1.38	16	1.58
	25	8	1.72	10	1.83	12	1.80	15	1.60	16	1.72
	30	8	1.91	10	1.96	12	1.97	15	1.70	16	1.87
	35	9	2.00	11	2.11	13	2.10	16	1.89	17	2.00
240° 	20	8	1.99	10	2.11	12	2.15	15	1.84	16	2.11
	25	8	2.29	10	2.44	12	2.40	15	2.13	16	2.29
	30	8	2.55	10	2.61	12	2.63	15	2.27	16	2.49
	35	9	2.67	11	2.81	13	2.80	16	2.52	16	2.67
270° 	20	8	2.24	10	2.37	12	2.42	15	2.07	16	2.37
	25	8	2.58	10	2.75	12	2.70	15	2.40	16	2.58
	30	8	2.87	10	2.94	12	2.96	15	2.55	16	2.81
	35	9	3.00	11	3.17	13	3.15	16	2.84	16	3.00
360° 	20	8	2.98	10	3.16	12	3.22	15	2.76	16	3.16
	25	8	3.44	10	3.66	12	3.60	15	3.20	16	3.44
	30	8	3.82	10	3.92	12	3.94	15	3.40	16	3.74
	35	9	4.00	11	4.22	13	4.20	16	3.78	16	4.00
40	9	4.24	11	4.48	13	4.48	16	3.86	16	4.20	

LX ADJUS TABLE ARC NOZZLES










NOZZLE: 8A
Trajectory: 0°
Color Code: YELLOW

NOZZLE: 10A
Trajectory: 5°
Color Code: RED

NOZZLE: 12A
Trajectory: 15°
Color Code: GREEN

NOZZLE: 15A
Trajectory: 30°
Color Code: BLACK

NOZZLE: 17A
Trajectory: 30°
Color Code: GREY

Arc	Pressure Bar	Radius m	Flow n̄/h	Radius m	Flow n̄/h	Radius m	Flow n̄/h	Radius m	Flow n̄/h	Radius m	Flow n̄/h
45° 	1.4	2.4	0.08	3.0	0.09	3.7	0.09	4.6	0.08	5.2	0.09
	1.7	2.4	0.10	3.0	0.10	3.7	0.10	4.6	0.09	5.2	0.10
	2.1	2.4	0.11	3.0	0.11	3.7	0.11	4.6	0.10	5.5	0.11
	2.4	2.7	0.11	3.4	0.12	4.0	0.12	4.9	0.11	5.5	0.11
	2.8	2.7	0.12	3.4	0.13	4.0	0.13	4.9	0.11	5.5	0.12
90° 	1.4	2.4	0.17	3.0	0.18	3.7	0.18	4.6	0.16	5.2	0.18
	1.7	2.4	0.20	3.0	0.21	3.7	0.20	4.6	0.18	5.2	0.20
	2.1	2.7	0.22	3.0	0.22	3.7	0.22	4.6	0.19	5.5	0.21
	2.4	2.7	0.23	3.4	0.24	4.0	0.24	4.9	0.21	5.5	0.23
	2.8	2.7	0.24	3.4	0.25	4.0	0.25	4.9	0.22	5.5	0.24
120° 	1.4	2.4	0.23	3.0	0.24	3.7	0.24	4.6	0.21	5.2	0.24
	1.7	2.4	0.26	3.0	0.28	3.7	0.27	4.6	0.24	5.2	0.26
	2.1	2.4	0.29	3.0	0.30	3.7	0.30	4.6	0.26	5.5	0.28
	2.4	2.7	0.30	3.4	0.32	4.0	0.32	4.9	0.29	5.5	0.30
	2.8	2.7	0.32	3.4	0.34	4.0	0.34	4.9	0.29	5.5	0.32
180° 	1.4	2.4	0.34	3.0	0.36	3.7	0.37	4.6	0.31	5.2	0.36
	1.7	2.4	0.39	3.0	0.42	3.7	0.41	4.6	0.36	5.2	0.39
	2.1	2.4	0.43	3.0	0.45	3.7	0.45	4.6	0.39	5.5	0.42
	2.4	2.7	0.45	3.4	0.48	4.0	0.48	4.9	0.43	5.5	0.45
	2.8	2.7	0.48	3.4	0.51	4.0	0.51	4.9	0.44	5.5	0.48
240° 	1.4	2.4	0.45	3.0	0.48	3.7	0.49	4.6	0.42	5.2	0.48
	1.7	2.4	0.52	3.0	0.55	3.7	0.55	4.6	0.48	5.2	0.52
	2.1	2.4	0.58	3.0	0.59	3.7	0.60	4.6	0.51	5.5	0.57
	2.4	2.7	0.61	3.4	0.64	4.0	0.64	4.9	0.57	5.5	0.61
	2.8	2.7	0.64	3.4	0.68	4.0	0.68	4.9	0.58	5.5	0.64
270° 	1.4	2.4	0.51	3.0	0.54	3.7	0.55	4.6	0.47	5.2	0.54
	1.7	2.4	0.59	3.0	0.62	3.7	0.61	4.6	0.55	5.2	0.59
	2.1	2.4	0.65	3.0	0.67	3.7	0.67	4.6	0.58	5.5	0.64
	2.4	2.7	0.68	3.4	0.72	4.0	0.72	4.9	0.64	5.5	0.68
	2.8	2.7	0.72	3.4	0.76	4.0	0.76	4.9	0.66	5.5	0.72
360° 	1.4	2.4	0.68	3.0	0.72	3.7	0.73	4.6	0.63	5.2	0.72
	1.7	2.4	0.78	3.0	0.83	3.7	0.82	4.6	0.73	5.2	0.78
	2.1	2.4	0.87	3.0	0.89	3.7	0.89	4.6	0.77	5.5	0.85
	2.4	2.7	0.91	3.4	0.96	4.0	0.95	4.9	0.86	5.5	0.91
	2.8	2.7	0.96	3.4	1.02	4.0	1.02	4.9	0.88	5.5	0.95