



KV NOZZLES

Adjustable Pattern Male Thread Nozzles

Application: Residential / Commercial



K-Rain's KV Adjustable Nozzles have a superior spray pattern that ensures proper precipitation rates throughout the adjustment.

They have a male thread configuration to fit K-Rain K-Spray bodies. Extra long filters provide longer time between cleanings.

Models

KV8
8' (2,4 M) Spray,
Green

KV10
10' (3 M) Spray,
Blue

KV12
12' (3,7 M) Spray,
Brown

KV15
15' (4,6 M) Spray,
Black

KV17
17' (5,2 M) Spray,
Grey

Performance Data

KV-8 8' (2,4 M) NOZZLE (GREEN)

ARC	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
90°	20	138	1.38	7	2.1	0.30	1.14	0.07	2.36	2.72	60	69
	30	207	2.07	8	2.4	0.40	1.51	0.09	2.41	2.78	61	70
	40	276	2.76	8	2.4	0.40	1.51	0.09	2.41	2.78	61	70
	50	345	3.45	9	2.7	0.40	1.51	0.09	1.90	2.20	48	56
180°	20	138	1.38	7	2.1	0.80	3.03	0.18	3.14	3.63	80	92
	30	207	2.07	8	2.4	0.90	3.41	0.20	2.71	3.13	69	79
	40	276	2.76	8	2.4	1.00	3.79	0.23	3.01	3.47	76	88
	50	345	3.45	9	2.7	1.10	4.16	0.25	2.61	3.02	66	77
270°	20	138	1.38	7	2.1	1.20	4.54	0.27	3.14	3.63	80	92
	30	207	2.07	8	2.4	1.20	4.54	0.27	2.41	2.78	61	70
	40	276	2.76	8	2.4	1.30	4.92	0.30	2.61	3.01	66	76
	50	345	3.45	9	2.7	1.50	5.68	0.34	2.38	2.74	60	70
360°	20	138	1.38	7	2.1	1.90	7.19	0.43	3.73	4.31	95	109
	30	207	2.07	8	2.4	2.00	7.57	0.45	3.01	3.47	76	88
	40	276	2.76	8	2.4	2.20	8.33	0.50	3.31	3.82	84	97
	50	345	3.45	9	2.7	2.30	8.71	0.52	2.73	3.16	69	80

KV-10 10' (3 M) NOZZLE (BLUE)

ARC	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
90°	20	138	1.38	12	3.7	0.70	2.65	0.16	1.87	2.16	47	55
	30	207	2.07	12	3.7	1.10	4.16	0.25	2.94	3.40	75	86
	40	276	2.76	13	4.0	1.40	5.30	0.32	3.19	3.68	81	93
	50	345	3.45	14	4.3	1.50	5.68	0.34	2.95	3.40	75	86
180°	20	138	1.38	11	3.4	1.40	5.30	0.32	2.23	2.57	56	65
	30	207	2.07	11	3.4	1.60	6.06	0.36	2.55	2.94	65	75
	40	276	2.76	12	3.7	1.80	6.81	0.41	2.41	2.78	61	70
	50	345	3.45	13	4.0	2.00	7.57	0.45	2.28	2.63	58	67
270°	20	138	1.38	10	3.1	1.70	6.44	0.39	2.18	2.52	55	64
	30	207	2.07	10	3.1	2.00	7.57	0.45	2.57	2.96	65	75
	40	276	2.76	11	3.4	2.30	8.71	0.52	2.44	2.82	62	71
	50	345	3.45	12	3.7	2.60	9.84	0.59	2.32	2.68	59	68
360°	20	138	1.38	10	3.1	2.20	8.33	0.50	2.12	2.45	54	62
	30	207	2.07	10	3.1	2.70	10.22	0.61	2.60	3.00	66	76
	40	276	2.76	11	3.4	3.00	11.36	0.68	2.39	2.76	61	70
	50	345	3.45	12	3.7	3.50	13.25	0.79	2.34	2.70	59	69

*Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with the nozzle retention screw.

KV Nozzles with extra long filters extend time between cleanings.

Performance Data (con't)

KV-12 12' (3,7 M) NOZZLE (BROWN)

ARC	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
90°	20	138	1.38	12	3.7	1.10	4.16	0.25	2.94	3.40	75	86
	30	207	2.07	13	4.0	1.30	4.92	0.30	2.96	3.42	75	87
	40	276	2.76	14	4.3	1.50	5.68	0.34	2.95	3.40	75	86
	50	345	3.45	15	4.6	1.70	6.44	0.39	2.91	3.36	74	85
180°	20	138	1.38	11	3.4	1.60	6.06	0.36	2.55	2.94	65	75
	30	207	2.07	12	3.7	1.80	6.81	0.41	2.41	2.78	61	70
	40	276	2.76	13	4.0	2.20	8.33	0.50	2.51	2.89	64	73
	50	345	3.45	14	4.3	2.40	9.08	0.55	2.36	2.72	60	69
270°	20	138	1.38	11	3.4	1.90	7.19	0.43	2.02	2.33	51	59
	30	207	2.07	12	3.7	2.40	9.08	0.55	2.14	2.47	54	63
	40	276	2.76	12	3.7	2.60	9.84	0.59	2.32	2.68	59	68
	50	345	3.45	13	4.0	3.20	12.11	0.73	2.43	2.81	62	71
360°	20	138	1.38	11	3.4	2.80	10.60	0.64	2.23	2.57	56	65
	30	207	2.07	12	3.7	3.10	11.73	0.70	2.07	2.39	53	61
	40	276	2.76	12	3.7	3.50	13.25	0.79	2.34	2.70	59	69
	50	345	3.45	13	4.0	3.90	14.76	0.89	2.22	2.56	56	65

KV-15 15' (6,6 M) NOZZLE (BLACK)

ARC	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
90°	20	138	1.38	15	4.6	1.30	4.92	0.30	2.22	2.57	56	65
	30	207	2.07	17	5.2	1.60	6.06	0.36	2.13	2.46	54	62
	40	276	2.76	18	5.5	1.80	6.81	0.41	2.14	2.47	54	63
	50	345	3.45	19	5.8	2.00	7.57	0.45	2.13	2.46	54	62
180°	20	138	1.38	14	4.3	1.80	6.81	0.41	1.77	2.04	45	52
	30	207	2.07	15	4.6	2.30	8.71	0.52	1.97	2.27	50	58
	40	276	2.76	16	4.9	2.60	9.84	0.59	1.96	2.26	50	57
	50	345	3.45	18	5.5	2.80	10.60	0.64	1.66	1.92	42	49
270°	20	138	1.38	14	4.3	2.70	10.22	0.61	1.77	2.04	45	52
	30	207	2.07	15	4.6	3.20	12.11	0.73	1.83	2.11	46	53
	40	276	2.76	16	4.9	3.60	13.63	0.82	1.80	2.08	46	53
	50	345	3.45	18	5.5	4.00	15.14	0.91	1.58	1.83	40	46
360°	20	138	1.38	14	4.3	3.40	12.87	0.77	1.67	1.93	42	49
	30	207	2.07	15	4.6	4.20	15.90	0.95	1.80	2.07	46	53
	40	276	2.76	16	4.9	4.70	17.79	1.07	1.77	2.04	45	52
	50	345	3.45	16	4.9	5.30	20.06	1.20	1.99	2.30	51	58

KV-17 17' (5,2 M) NOZZLE (GREY)

ARC	PRESSURE			RADIUS		FLOW RATE			PRECIP in/hr		PRECIP mm/hr	
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H	■	▲	■	▲
90°	20	138	1.38	18	5.5	1.70	6.44	0.39	2.02	2.33	51	59
	30	207	2.07	18	5.5	1.80	6.81	0.41	2.14	2.47	54	63
	40	276	2.76	19	5.8	2.00	7.57	0.45	2.13	2.46	54	62
	50	345	3.45	20	6.1	2.20	8.33	0.50	2.12	2.45	54	62
180°	20	138	1.38	17	5.2	1.90	7.19	0.43	1.27	1.46	32	37
	30	207	2.07	18	5.5	2.40	9.08	0.55	1.43	1.65	36	42
	40	276	2.76	19	5.8	2.60	9.84	0.59	1.39	1.60	35	41
	50	345	3.45	19	5.8	2.90	10.98	0.66	1.55	1.79	39	45
270°	20	138	1.38	16	4.9	2.90	10.98	0.66	1.45	1.68	37	43
	30	207	2.07	17	5.2	3.40	12.87	0.77	1.51	1.74	38	44
	40	276	2.76	18	5.5	4.00	15.14	0.91	1.58	1.83	40	46
	50	345	3.45	18	5.5	4.50	17.03	1.02	1.78	2.06	45	52
360°	20	138	1.38	15	4.6	3.50	13.25	0.79	1.50	1.73	38	44
	30	207	2.07	17	5.2	4.40	16.66	1.00	1.47	1.69	37	43
	40	276	2.76	17	5.2	4.90	18.55	1.11	1.63	1.88	41	48
	50	345	3.45	18	5.5	5.40	20.44	1.23	1.60	1.85	41	47

*Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with the nozzle retention screw.

