

KV NOZZLES

Adjustable Pattern Male Thread Nozzles



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

A male thread configuration fits 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



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

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

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

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

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

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

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

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

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

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

