KV Male Thread Adjustable Spray Nozzles - Standard Performance Data

		8' KV-8 Adjustable Nozzle				10' KV-10 Adjustable Nozzle				12' KV-12 Adjustable Nozzle				15' KV Adjustable Nozzle				17' KV Adjustable Nozzle			
ARC	Pressure (PSI)	Radius (FT)	Flow (GPM)	Precip (in/hr) ■	Precip (in/hr) ▲	Radius (FT)	Flow (GPM)	Precip (in/hr) ■	Precip (in/hr) ▲	Radius (FT)	Flow (GPM)	Precip (in/hr) ■	Precip (in/hr) ▲	Radius (FT)	Flow (GPM)	Precip (in/hr) ■	Precip (in/hr) ▲	Radius (FT)	Flow (GPM)	Precip (in/hr) ■	Precip (in/hr) ▲
45	20	9	0.5	0.6	0.7	12	0.5	0.3	0.4	12	0.8	0.5	0.6	16	0.9	0.3	0.4	19	1.2	0.3	0.4
	30	10	0.8	0.8	0.9	12	0.8	0.5	0.6	14	0.9	0.4	0.5	17	1.1	0.4	0.4	19	1.3	0.3	0.4
	40	10	1.0	1.0	1.1	13	1.0	0.6	0.7	14	1.1	0.5	0.6	18	1.3	0.4	0.4	20	1.4	0.3	0.4
	50	11	1.1	0.9	1.0	14	1.1	0.5	0.6	15	1.2	0.5	0.6	19	1.4	0.4	0.4	20	1.6	0.4	0.4
90	20	9	0.7	0.8	1.0	12	0.7	0.5	0.5	12	1.1	0.7	0.8	15	1.3	0.6	0.6	18	1.7	0.5	0.6
	30	9	1.1	1.3	1.5	12	1.1	0.7	0.8	13	1.3	0.7	0.9	17	1.6	0.5	0.6	18	1.8	0.5	0.6
	40	10	1.4	1.3	1.6	13	1.4	0.8	0.9	14	1.5	0.7	0.9	18	1.8	0.5	0.6	19	2.0	0.5	0.6
	50	11	1.5	1.2	1.4	14	1.5	0.7	0.9	15	1.7	0.7	0.8	19	2.0	0.5	0.6	20	2.2	0.5	0.6
120	20	8	1.1	1.7	1.9	11	1.1	0.9	1.0	11	1.4	1.1	1.3	14	1.7	0.8	1.0	17	1.8	0.6	0.7
	30	9	1.4	1.7	1.9	12	1.4	0.9	1.1	12	1.6	1.1	1.2	16	2.1	0.8	0.9	18	2.2	0.7	0.8
	40	10	1.7	1.6	1.9	13	1.7	1.0	1.1	13	2.0	1.1	1.3	17	2.3	0.8	0.9	19	2.3	0.6	0.7
	50	10	1.9	1.8	2.1	13	1.9	1.1	1.2	14	2.2	1.1	1.2	18	2.6	0.8	0.9	20	2.6	0.6	0.7
180	20	8	1.4	2.1	2.4	11	1.4	1.1	1.3	11	1.6	1.3	1.5	14	1.8	0.9	1.0	17	1.9	0.6	0.7
	30	8	1.6	2.4	2.8	11	1.6	1.3	1.5	12	1.8	1.2	1.4	15	2.3	1.0	1.1	18	2.4	0.7	0.8
	40	9	1.8	2.1	2.5	12	1.8	1.2	1.4	13	2.2	1.3	1.4	16	2.6	1.0	1.1	19	2.6	0.7	0.8
	50	10	2.0	1.9	2.2	13	2.0	1.1	1.3	14	2.4	1.2	1.4	18	2.8	0.8	1.0	19	2.9	0.8	0.9
240	20	8	1.3	2.0	2.3	10	1.3	1.3	1.5	11	1.8	1.4	1.7	14	2.4	1.2	1.4	16	2.5	0.9	1.1
	30	8	1.9	2.9	3.3	11	1.9	1.5	1.7	12	2.3	1.5	1.8	15	2.9	1.2	1.4	17	3.1	1.0	1.2
	40	9	2.2	2.6	3.0	12	2.2	1.5	1.7	13	2.4	1.4	1.6	16	3.2	1.2	1.4	18	3.2	1.0	1.1
	50	9	2.5	3.0	3.4	12	2.5	1.7	1.9	13	2.9	1.7	1.9	17	3.7	1.2	1.4	18	3.6	1.1	1.2
270	20	8	1.7	2.6	3.0	10	1.7	1.6	1.9	11	1.9	1.5	1.7	14	2.7	1.3	1.5	16	2.9	1.1	1.3
	30	8	2.0	3.0	3.5	10	2.0	1.9	2.2	12	2.4	1.6	1.9	15	3.2	1.4	1.6	17	3.4	1.1	1.3
	40	8	2.3	3.5	4.0	11	2.3	1.8	2.1	12	2.6	1.7	2.0	16	3.6	1.4	1.6	18	4.0	1.2	1.4
	50	9	2.6	3.1	3.6	12	2.6	1.7	2.0	13	3.0	1.7	2.0	16	4.0	1.5	1.7	18	4.5	1.3	1.5
360	20	8	2.2	3.3	3.8	10	2.2	2.1	2.4	11	2.8	2.2	2.6	13	3.4	1.9	2.2	15	3.5	1.5	1.7
	30	8	2.7	4.1	4.7	10	2.7	2.6	3.0	12	3.1	2.1	2.4	15	4.2	1.8	2.1	17	4.4	1.5	1.7
	40	8	3.0	4.5	5.2	11	3.0	2.4	2.8	12	3.5	2.3	2.7	15	4.7	2.0	2.3	17	4.9	1.6	1.9
	50	8	3.5	5.3	6.1	12	3.5	2.3	2.7	13	3.9	2.2	2.6	16	5.3	2.0	2.3	18	5.4	1.6	1.9

Precipitation rates are based on 360°. For 180°, precipitation rates, multiply current values by 2.

KV Male Thread Adjustable Spray Nozzles - Metric Performance Data

		8' KV-8 Adjustable Nozzle				10' KV-10 Adjustable Nozzle				12' KV-12 Adjustable Nozzle				15' KV Adjustable Nozzle				17' KV Adjustable Nozzle			
				Precip (mm/hr)	Precip (mm/hr)			Precip (mm/hr)	Precip (mm/hr)			Precip (mm/hr)	Precip (mm/hr)			Precip (mm/hr)	Precip (mm/hr)			Precip (mm/hr)	Precip (mm/hr)
ARC	Pressure (Bar)	Radius (M)	Flow (L/M)	■	▲	Radius (M)	Flow (L/M)	■	▲	Radius (M)	Flow (L/M)	■	▲	Radius (M)	Flow (L/M)	■	▲	Radius (M)	Flow (L/M)	■	▲
45	1.5	2.7	1.9	15	17	3.7	1.9	8	10	3.7	3.0	14	16	4.9	3.4	9	10	5.8	4.5	8	9
	2.0	3.0	3.0	20	23	3.7	3.0	14	16	4.3	3.4	11	13	5.2	4.2	9	11	5.8	4.9	9	10
	3.0	3.0	3.8	24	28	4.0	3.8	14	17	4.3	4.2	14	16	5.5	4.9	10	11	6.1	5.3	9	10
	3.5	3.4	4.2	22	26	4.3	4.2	14	16	4.6	4.5	13	15	5.8	5.3	9	11	6.1	6.1	10	11
90	1.5	2.7	2.6	21	24	3.7	2.6	12	14	3.7	4.2	19	22	4.6	4.9	14	16	5.5	6.4	13	15
	2.0	2.7	4.2	33	38	3.7	4.2	19	22	4.0	4.9	19	22	5.2	6.1	14	16	5.5	6.8	14	16
	3.0	3.0	5.3	34	40	4.0	5.3	20	23	4.3	5.7	19	22	5.5	6.8	14	16	5.8	7.6	14	16
	3.5	3.4	5.7	30	35	4.3	5.7	19	22	4.6	6.4	18	21	5.8	7.6	14	16	6.1	8.3	13	16
120	1.5	2.4	4.2	42	49	3.4	4.2	22	26	3.4	5.3	28	33	4.3	6.4	21	24	5.2	6.8	15	18
	2.0	2.7	5.3	42	49	3.7	5.3	24	27	3.7	6.1	27	31	4.9	7.9	20	23	5.5	8.3	17	19
	3.0	3.0	6.4	42	48	4.0	6.4	25	28	4.0	7.6	29	33	5.2	8.7	19	22	5.8	8.7	16	18
	3.5	3.0	7.2	46	54	4.0	7.2	27	32	4.3	8.3	27	32	5.5	9.8	20	23	6.1	9.8	16	18
180	1.5	2.4	5.3	53	62	3.4	5.3	28	33	3.4	6.1	32	37	4.3	6.8	22	26	5.2	7.2	16	19
	2.0	2.4	6.1	61	71	3.4	6.1	32	37	3.7	6.8	31	35	4.6	8.7	25	29	5.5	9.1	18	21
	3.0	2.7	6.8	54	63	3.7	6.8	31	35	4.0	8.3	32	37	4.9	9.8	25	29	5.8	9.8	18	20
	3.5	3.0	7.6	49	56	4.0	7.6	29	33	4.3	9.1	30	35	5.5	10.6	21	24	5.8	11.0	20	23
240	1.5	2.4	4.9	50	57	3.0	5.0	32	37	3.4	6.8	36	42	4.3	9.1	30	35	4.9	9.5	24	28
	2.0	2.4	7.2	73	84	3.4	7.2	38	44	3.7	8.7	39	45	4.6	11.0	32	36	5.2	11.7	26	30
	3.0	2.7	8.3	66	77	3.7	8.3	37	43	4.0	9.1	35	40	4.9	12.1	31	35	5.5	12.1	24	28
	3.5	2.7	9.5	75	87	3.7	9.5	42	49	4.0	11.0	42	48	5.2	14.0	31	36	5.5	13.6	27	31
270	1.5	2.4	6.4	65	75	3.0	6.4	42	48	3.4	7.2	38	44	4.3	10.2	34	39	4.9	11.0	28	32
	2.0	2.4	7.6	76	88	3.0	7.6	49	56	3.7	9.1	41	47	4.6	12.1	35	40	5.2	12.9	29	33
	3.0	2.4	8.7	88	101	3.4	8.7	46	54	3.7	9.8	44	51	4.9	13.6	34	40	5.5	15.1	30	35
	3.5	2.7	9.8	78	91	3.7	9.8	44	51	4.0	11.4	43	50	4.9	15.1	38	44	5.5	17.0	34	39
360	1.5	2.4	8.3	84	97	3.0	8.3	54	62	3.4	10.6	57	65	4.0	12.9	49	57	4.6	13.2	38	44
	2.0	2.4	10.2	103	119	3.0	10.2	66	76	3.7	11.7	53	61	4.6	15.9	46	53	5.2	16.7	37	43
	3.0	2.4	11.4	115	132	3.4	11.4	61	70	3.7	13.2	59	69	4.6	17.8	51	59	5.2	18.5	41	48
	3.5	2.4	13.2	134	154	3.7	13.2	59	69	4.0	14.8	56	65	4.9	20.1	51	58	5.5	20.4	41	47

Precipitation rates are based on 360°. For 180°, precipitation rates, multiply current values by 2.