








# KVF Female Adjustable Nozzles



MODELS	
<b>KVF Nozzles</b>	
KVF - 8	8' Spray, Green
KVF - 10	10' Spray, Blue
KVF - 12	12' Spray, Brown
KVF - 15	15' Spray, Black
KVF - 17	17' Spray, Gray

## Standard Performance Data

ARC	Pressure (PSI)	8' Green 				10' Blue 				12' Brown 				15" Black 				17' Gray 			
		Radius (FT)	Flow (GPM)	Precip Rate (in/hr)		Radius (FT)	Flow (GPM)	Precip Rate (in/hr)		Radius (FT)	Flow (GPM)	Precip Rate (in/hr)		Radius (FT)	Flow (GPM)	Precip Rate (in/hr)		Radius (FT)	Flow (GPM)	Precip Rate (in/hr)	
90	20	9	0.40	0.48	0.55	9	0.40	0.48	0.55	10	0.45	0.43	0.50	13	0.55	0.31	0.36	17	0.80	0.27	0.31
	25	9	0.42	0.50	0.58	9	0.42	0.50	0.58	11	0.52	0.41	0.48	14	0.63	0.31	0.36	18	0.94	0.28	0.32
	30	10	0.45	0.43	0.50	10	0.45	0.43	0.50	12	0.55	0.37	0.42	15	0.70	0.30	0.35	19	1.05	0.28	0.32
	40	10	0.50	0.48	0.56	10	0.50	0.48	0.56	12	0.60	0.40	0.46	16	0.80	0.30	0.35	19	1.30	0.35	0.40
180	20	9	1.00	1.19	1.37	9	1.00	1.19	1.37	9	1.10	1.31	1.51	13	1.30	0.74	0.85	17	1.70	0.57	0.65
	25	9	1.10	1.31	1.51	9	1.10	1.31	1.51	10	1.21	1.16	1.34	14	1.49	0.73	0.84	17	1.92	0.64	0.74
	30	10	1.20	1.16	1.33	10	1.20	1.16	1.33	10	1.35	1.30	1.50	15	1.65	0.71	0.82	19	2.15	0.57	0.66
	40	10	1.25	1.20	1.39	10	1.25	1.20	1.39	11	1.53	1.22	1.41	16	2.00	0.75	0.87	19	2.50	0.67	0.77
270	20	9	1.40	1.66	1.92	9	1.40	1.66	1.92	9	1.60	1.90	2.20	13	1.90	1.08	1.25	16	2.40	0.90	1.04
	25	10	1.59	1.53	1.77	10	1.59	1.53	1.77	10	1.74	1.67	1.93	15	2.15	0.92	1.06	16	2.82	1.05	1.22
	30	10	1.75	1.68	1.95	10	1.75	1.68	1.95	10	1.95	1.88	2.17	15	2.35	1.01	1.16	17	3.00	1.00	1.15
	40	10	2.05	1.97	2.28	10	2.05	1.97	2.28	11	2.05	1.63	1.88	16	2.70	1.02	1.17	18	3.50	1.04	1.20
360	20	9	2.30	2.73	3.16	9	2.30	2.73	3.16	9	2.40	2.85	3.29	13	2.80	1.59	1.84	16	2.90	1.09	1.26
	25	10	2.51	2.42	2.79	10	2.51	2.42	2.79	10	2.61	2.51	2.90	14	3.26	1.60	1.85	17	3.40	1.13	1.31
	30	10	2.65	2.55	2.95	10	2.65	2.55	2.95	11	2.78	2.21	2.55	15	3.60	1.54	1.78	17	3.80	1.27	1.46
	40	11	2.75	2.19	2.53	11	2.75	2.19	2.53	12	3.03	2.03	2.34	15	4.10	1.75	2.03	17	4.40	1.47	1.69

Precipitation Rates are based on 360°. For 180°, multiply by 2. Data represents test results in zero wind. Adjust for local conditions.



# KVF Female Adjustable Nozzles



MODELS	
<b>KVF - 8</b>	8' Spray, Green
<b>KVF - 10</b>	10' Spray, Blue
<b>KVF - 12</b>	12' Spray, Brown
<b>KVF - 15</b>	15' Spray, Black
<b>KVF - 17</b>	17' Spray, Gray

## Metric Performance Data

ARC	Pressure (bar)	8' Green				10' Blue				12' Brown				15" Black				17' Gray			
		Radius (M)	Flow (L/M)	Precip Rate (mm/hr)		Radius (M)	Flow (L/M)	Precip Rate (mm/hr)		Radius (M)	Flow (L/M)	Precip Rate (mm/hr)		Radius (M)	Flow (L/M)	Precip Rate (mm/hr)		Radius (M)	Flow (L/M)	Precip Rate (mm/hr)	
90	1.5	2.7	1.5	12.1	13.9	2.7	1.5	12.1	13.9	3.1	1.7	11.0	12.7	4.0	2.1	8.0	9.2	5.2	3.0	6.8	7.8
	2.0	2.7	1.6	12.6	14.6	2.7	1.6	12.6	14.6	3.4	2.0	10.5	12.1	4.3	2.4	7.9	9.1	5.5	3.6	7.1	8.2
	3.0	3.1	1.7	11.0	12.7	3.1	1.7	11.0	12.7	3.7	2.1	9.3	10.8	4.6	2.7	7.6	8.8	5.8	4.0	7.1	8.2
	3.5	3.1	1.9	12.2	14.1	3.1	1.9	12.2	14.1	3.7	2.3	10.2	11.8	4.9	3.0	7.6	8.8	5.8	4.9	8.8	10.2
180	1.5	2.7	3.8	30.2	34.9	2.7	3.8	30.2	34.9	2.7	4.2	33.2	38.3	4.0	4.9	18.8	21.7	5.2	6.4	14.4	16.6
	2.0	2.7	4.2	33.2	38.3	2.7	4.2	33.2	38.3	3.1	4.6	29.6	34.2	4.3	5.6	18.6	21.5	5.2	7.3	16.2	18.8
	3.0	3.1	4.5	29.3	33.9	3.1	4.5	29.3	33.9	3.1	5.1	33.0	38.1	4.6	6.3	17.9	20.7	5.8	8.1	14.6	16.8
	3.5	3.1	4.7	30.1	35.3	3.1	4.7	30.1	35.3	3.4	5.8	30.9	35.7	4.9	7.6	19.1	22.1	5.8	9.5	16.9	19.6
270	1.5	2.7	5.3	42.3	48.8	2.7	5.3	42.3	48.8	2.7	6.1	48.3	55.8	4.0	7.2	27.5	31.7	4.9	9.1	22.9	26.5
	2.0	3.1	6.0	38.9	44.9	3.1	6.0	38.9	44.9	3.1	6.6	42.5	49.1	4.6	8.1	23.4	27.0	4.9	10.6	26.7	30.9
	3.0	3.1	6.6	42.8	49.4	3.1	6.6	42.8	49.4	3.1	7.4	47.7	55.1	4.6	8.9	25.5	29.5	5.2	11.4	25.4	29.3
	3.5	3.1	7.8	50.1	57.9	3.1	7.8	50.1	57.9	3.4	7.8	41.4	47.8	4.9	10.2	25.7	29.8	5.5	13.3	26.4	30.5
360	1.5	2.7	8.7	69.4	80.1	2.7	8.7	69.4	80.1	2.7	9.1	72.4	83.6	4.0	10.6	40.5	46.8	4.9	11.0	27.7	32.0
	2.0	3.1	9.5	61.3	70.9	3.1	9.5	61.3	70.9	3.1	9.9	63.8	73.7	4.3	12.3	40.7	47.0	5.2	12.9	28.8	33.2
	3.0	3.1	10.0	64.8	74.8	3.1	10.0	64.8	74.8	3.4	10.5	56.2	64.9	4.6	13.6	39.1	45.2	5.2	14.4	32.2	37.1
	3.5	3.4	10.4	55.6	64.2	3.4	10.4	55.6	64.2	3.7	11.5	51.4	59.4	4.6	15.5	44.6	51.4	5.2	16.7	37.2	43.0

Precipitation Rates are based on 360°. For 180°, multiply by 2. Data represents test results in zero wind. Adjust for local conditions.