

HIGH EFFICIENCY KVF NOZZLES



Choose from 8',10',12',15' and 17' models

- Superior Spray Patterns
- Color-coded for Easy Identification
- Uniform Water Distribution
- Water Efficient Low Flow Rates
- Extra Long Filters Extend Time Between Cleanings



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HIGH EFFICIENCY KVF NOZZLES

K-Rain's High Efficiency KVF nozzles bring complete flexibility to contractors working with sprays in a variety of terrains. The fully adjustable, female threaded nozzles fit the K-Rain Pro-S series and the NP spray bodies, as well as any other male threaded spray body on the market. Choose from 8', 10', 12', 15' and 17' configurations.



Models

- KVF-8** 8' Nozzle, Green
- KVF-10** 10' Nozzle, Blue
- KVF-12** 12' Nozzle, Brown
- KVF-15** 15' Nozzle, Black
- KVF-17** 17' Nozzle, Grey

Performance Data

KVF 8' NOZZLE PERFORMANCE

ARC	KVF 8' NOZZLE PERFORMANCE					METRIC					
	PRESSURE PSI	RADIUS FEET	FLOW GPM	PRECIP IN/HR	PRECIP IN/HR	PRESSURE KPA / BARS	RADIUS METERS	FLOW LPM	PRECIP MM/HR	PRECIP MM/HR	
90°	20	9	0.39	1.85	2.14	138	1.38	2.74	1.48	39	45
	25	10	0.42	1.62	1.87	207	2.07	3.05	1.59	34	39
	30	10	0.50	1.93	2.22	276	2.76	3.05	1.89	41	47
	40	11	0.61	1.94	2.24	345	3.45	3.35	2.31	41	47
180°	20	9	0.75	1.78	2.06	138	1.38	2.74	2.84	38	43
	25	9	0.85	2.02	2.33	207	2.07	2.74	3.22	43	49
	30	10	1.00	1.93	2.22	276	2.76	3.05	3.79	41	47
	40	10	1.16	2.23	2.58	345	3.45	3.05	4.39	47	54
270°	20	9	1.15	1.82	2.10	138	1.38	2.74	4.35	38	44
	25	9	1.25	1.98	2.29	207	2.07	2.74	4.73	42	48
	30	10	1.50	1.93	2.22	276	2.76	3.05	5.68	41	47
	40	10	1.75	2.25	2.59	345	3.45	3.05	6.62	47	55
360°	20	9	1.50	1.78	2.06	138	1.38	2.74	5.68	38	43
	25	9	1.70	2.02	2.33	207	2.07	2.74	6.44	43	49
	30	10	2.00	1.93	2.22	276	2.76	3.05	7.57	41	47
	40	10	2.30	2.21	2.56	345	3.45	3.05	8.71	47	54

KVF 10' NOZZLE PERFORMANCE

ARC	KVF 10' NOZZLE PERFORMANCE					METRIC				
	PRESSURE PSI	RADIUS FEET	FLOW GPM	PRECIP IN/HR	PRECIP IN/HR	PRESSURE KPA / BARS	RADIUS METERS	FLOW LPM	PRECIP MM/HR	PRECIP MM/HR
90°	20	10	0.45	1.73	2.00	1.38	3.05	1.70	3.7	42
	25	11	0.54	1.72	1.98	2.07	3.35	2.04	3.6	42
	30	12	0.62	1.66	1.91	2.76	3.66	2.35	35	40
	40	12	0.70	1.87	2.16	3.45	3.66	2.65	3.9	46
180°	20	10	0.90	1.73	2.00	1.38	3.05	3.41	3.7	42
	25	11	1.10	1.75	2.02	2.07	3.35	4.16	3.7	43
	30	12	1.25	1.67	1.93	2.76	3.66	4.73	35	41
	40	12	1.40	1.87	2.16	3.45	3.66	5.30	3.9	46
270°	20	10	1.35	1.73	2.00	1.38	3.05	5.11	3.7	42
	25	11	1.65	1.75	2.02	2.07	3.35	6.25	3.7	43
	30	12	1.85	1.65	1.90	2.76	3.66	7.00	35	40
	40	12	2.10	1.87	2.16	3.45	3.66	7.95	3.9	46
360°	20	10	1.80	1.73	2.00	1.38	3.05	6.81	3.7	42
	25	11	2.20	1.75	2.02	2.07	3.35	8.33	3.7	43
	30	12	2.50	1.67	1.93	2.76	3.66	9.46	35	41
	40	12	2.80	1.87	2.16	3.45	3.66	10.60	3.9	46

KVF 12' NOZZLE PERFORMANCE

ARC	KVF 12' NOZZLE PERFORMANCE					METRIC				
	PRESSURE PSI	RADIUS FEET	FLOW GPM	PRECIP IN/HR	PRECIP IN/HR	PRESSURE KPA / BARS	RADIUS METERS	FLOW LPM	PRECIP MM/HR	PRECIP MM/HR
90°	20	12	0.65	1.74	2.01	1.38	3.66	2.46	3.7	42
	25	13	0.70	1.59	1.84	2.07	3.96	2.65	3.4	39
	30	14	0.80	1.57	1.81	2.76	4.27	3.03	33	38
	40	14	0.90	1.77	2.04	3.45	4.27	3.41	3.7	43
180°	20	12	1.30	1.74	2.01	1.38	3.66	4.92	3.7	42
	25	13	1.40	1.59	1.84	2.07	3.96	5.30	3.4	39
	30	14	1.60	1.57	1.81	2.76	4.27	6.06	33	38
	40	14	1.80	1.77	2.04	3.45	4.27	6.81	3.7	43
270°	20	12	1.90	1.69	1.95	1.38	3.66	7.19	3.6	41
	25	13	2.10	1.59	1.84	2.07	3.96	7.95	3.4	39
	30	14	2.40	1.57	1.81	2.76	4.27	9.08	33	38
	40	14	2.60	1.70	1.97	3.45	4.27	9.84	3.6	41
360°	20	12	2.20	1.47	1.70	1.38	3.66	8.33	3.1	36
	25	13	2.60	1.48	1.71	2.07	3.96	9.84	3.1	36
	30	14	3.10	1.52	1.76	2.76	4.27	11.73	32	37
	40	14	3.50	1.72	1.98	3.45	4.27	13.25	3.6	42

KVF 15' NOZZLE PERFORMANCE

ARC	KVF 15' NOZZLE PERFORMANCE					METRIC				
	PRESSURE PSI	RADIUS FEET	FLOW GPM	PRECIP IN/HR	PRECIP IN/HR	PRESSURE KPA / BARS	RADIUS METERS	FLOW LPM	PRECIP MM/HR	PRECIP MM/HR
90°	20	14	0.75	1.47	1.70	1.38	4.27	2.84	3.1	36
	25	15	0.85	1.45	1.68	2.07	4.57	3.22	3.1	35
	30	15	0.95	1.63	1.88	2.76	4.57	3.60	34	40
	40	17	1.10	1.47	1.69	3.45	5.18	4.16	3.1	36
180°	20	14	1.40	1.38	1.59	1.38	4.27	5.30	2.9	33
	25	15	1.70	1.45	1.68	2.07	4.57	6.44	3.1	35
	30	15	1.90	1.63	1.88	2.76	4.57	7.19	34	40
	40	17	2.30	1.53	1.77	3.45	5.18	8.71	3.2	37
270°	20	14	2.25	1.47	1.70	1.38	4.27	8.52	3.1	36
	25	15	2.55	1.45	1.68	2.07	4.57	9.65	3.1	35
	30	15	2.80	1.60	1.84	2.76	4.57	10.60	34	39
	40	17	3.40	1.51	1.74	3.45	5.18	12.87	3.2	37
360°	20	14	3.00	1.47	1.70	1.38	4.27	11.36	3.1	36
	25	15	3.40	1.45	1.68	2.07	4.57	12.87	3.1	35
	30	15	3.80	1.63	1.88	2.76	4.57	14.38	34	40
	40	17	4.60	1.53	1.77	3.45	5.18	17.41	3.2	37

KVF 17' NOZZLE PERFORMANCE

ARC	KVF 17' NOZZLE PERFORMANCE					METRIC				
	PRESSURE PSI	RADIUS FEET	FLOW GPM	PRECIP IN/HR	PRECIP IN/HR	PRESSURE KPA / BARS	RADIUS METERS	FLOW LPM	PRECIP MM/HR	PRECIP MM/HR
90°	20	17	0.85	1.13	1.31	1.38	5.18	3.22	2.4	28
	25	17	0.95	1.27	1.46	2.07	5.18	3.60	2.7	31
	30	18	1.05	1.25	1.44	2.76	5.49	3.97	26	30
	40	18	1.20	1.43	1.65	3.45	5.49	4.54	3.0	35
180°	20	16	1.70	1.28	1.48	1.38	4.88	6.44	2.7	31
	25	17	1.90	1.27	1.46	2.07	5.18	7.19	2.7	31
	30	18	2.10	1.25	1.44	2.76	5.49	7.95	26	30
	40	18	2.40	1.43	1.65	3.45	5.49	9.08	3.0	35
270°	20	16	2.50	1.25	1.45	1.38	4.88	9.46	2.6	31
	25	17	2.80	1.24	1.44	2.07	5.18	10.60	2.6	30
	30	18	3.15	1.25	1.44	2.76	5.49	11.92	26	30
	40	18	3.60	1.43	1.65	3.45	5.49	13.63	3.0	35
360°	20	16	3.40	1.28	1.48	1.38	4.88	12.87	2.7	31
	25	17	3.80	1.27	1.46	2.07	5.18	14.38	2.7	31
	30	18	4.20	1.25	1.44	2.76	5.49	15.90	26	30
	40	18	4.80	1.43	1.65	3.45	5.49	18.17	3.0	35

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

