



Spraying Systems Co.®
Experts in Spray Technology

VK FULLJET® SPRAY NOZZLES

OVERVIEW

- Low profile fullcone spray nozzle
- Uniform spray angle at different operating pressure
- Uniform spray distribution from 4.1 to 676 gpm (15.5 to 2559 lpm)
- Operating pressures up to 150 psi (10.3 bar)
- Spray angles: 45°, 60°, 90° and 120°

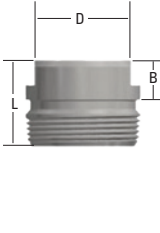
NOTE: For Maximum Free Passage information, contact your sales engineer.

ORDERING INFORMATION MODEL VK FULLJET NOZZLE

Inlet Conn.*	Nozzle Type	Material Code*	Spray Angle	Capacity Size
Example				
1	VK	SS	90	80

* Available in 303SS, 316SS, Hast. 276 and other material.

DIMENSIONS

	Nozzle Type	Inlet Conn. (in.)	L (in.)	D (in.)	B (in.)
	VK (45°+120°)	3/4	1.102	1.050	0.477
		1	1.968	1.315	1.299
		1 1/4	2.441	1.660	1.693
		1 1/2	3.031	1.900	2.283
		2	3.898	2.375	2.953
		2 1/2	4.882	2.875	3.819
		3	6.024	3.500	4.843
		3 1/2	6.142	4.000	4.882
	VK (60°+90°)	3/4	1.102	1.050	0.477
		1	1.063	1.315	0.394
		1 1/4	1.181	1.660	0.433
		1 1/2	1.378	1.900	0.630
		2	1.732	2.375	0.787
		2 1/2	2.047	2.875	0.984
		3	2.362	3.500	1.181
		3 1/2	2.756	4.000	1.496
4	3.543	4.500	2.126		

VK FULLJET® SPRAY NOZZLES

Inlet Conn. (in.)	Capacity Size	Flow Rate Capacity gallons per minute (liters per minute)							Spray Angle (°) at 20 psi (1.4 bar)			
		7 psi (0.5 bar)	10 psi (0.7 bar)	20 psi (1.4 bar)	40 psi (2.8 bar)	80 psi (5.5 bar)	100 psi (6.9 bar)	150 psi (10.3 bar)	45° Series	60° Series	90° Series	120° Series
3/4	50	4.1	5.0	6.7	9.2	12.7	14.0	16.9	45	60	90	120
	63	5.3	6.3	8.5	11.5	16.0	17.7	21				
1	50	4.1	5.0	6.7	9.2	12.7	14.0	16.9	45	60	90	120
	63	5.3	6.3	8.5	11.5	16.0	17.7	21				
	80	6.6	8.0	10.7	14.6	20	22	27				
	100	8.4	10.0	13.4	18.4	25	28	33				
	125	10.6	12.5	16.8	23	31	35	42				
1 1/4	125	10.6	12.5	16.8	23	31	35	42	45	60	90	120
	140	11.8	14.0	18.9	25	35	39	47				
	160	13.4	16.0	21	29	40	45	54				
1 1/2	160	13.4	16.0	21	29	40	45	54	45	60	90	120
	200	16.5	20	27	36	50	56	67				
	250	20	25	33	46	63	70	84				
	320	26	32	43	58	81	90	108				
2	320	26	32	43	58	81	90	108	45	60	90	120
	400	33	40	54	73	101	112	135				
	500	41	50	67	92	127	140	169				
	630	52	63	85	115	160	177	213				
2 1/2	630	52	63	85	115	160	177	213	45	60	90	120
	800	66	80	108	147	203	225	270				
	1000	83	100	135	184	254	281	338				
3	1000	83	100	135	184	254	281	338	45	60	90	120
	1260	105	126	170	231	321	355	426				
3 1/2	1260	105	126	170	231	321	355	426	45	60	90	120
	1580	132	158	214	290	402	445	534				
4	1580	132	158	214	290	402	445	534	45	60	90	120
	2000	166	200	271	368	509	563	676				



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