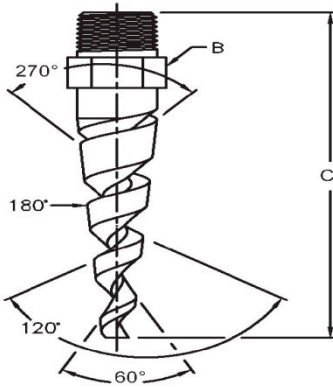


SPIRAL NOZZLE



APPLICATION

- ❖ FOAM BREAKING
- ❖ GAS COOLING
- ❖ FIRE PREVENTION AND CONTROL
- ❖ QUENCHING DURING HEAT TREAT PROCESS
- ❖ CHEMICAL GAS SCRUBBING
- ❖ WASHING & RINSING AGGREGATES AND MINERALS
- ❖ DUST CONTROL & SUPPRESSION



DESIGN FEATURESS

SKG IS DESIGNED SPECIFICALLY FOR FIRE PREVENTION AND SUPPRESSION THIS SPIRAL NOZZLE WIDE COVERAGE. THE TWO TURN SPIRAL PRODUES A CIRCULAR SHEET OF WATER WITH AN EFFECTIVE SPRAY ANGLE 10DEG. THIS PROVIDES MAXIMUM COVERAGE FOR THE MATERIAL BEING PROTECTED UP TO 30 FEET DIAMETER. AT 10 FEET SPRAY HEIGHT. THE 1/2 MALE NPT NOZZLE HAS RANGE OF FLOW RATES FROM 7.6-34.8 GALLONS PER MINUTE AT 40 PSI WITH LARGE FREE PASSAGE SIZE FROM 0.2-0.44 INCHES IT IS AN EXCELLENT CHOICE FOR DELUGE APPLICATION WHERE THERE IS LITTLE NOZZLE HEAD ROOM

COMMON APPLICATION

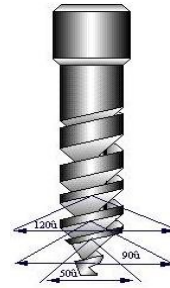
FIRE PREVENTION AND SUPPRESSION, OR ANY APPLICATION REQUIRING A FULL CONE SPRAY PATTERN WITH EXTRA WIDE COVERAGE





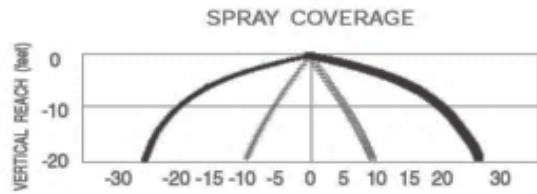
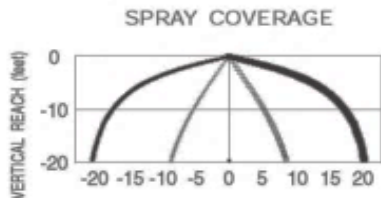
SPIRAL NOZZLE 60 DEG ANG SPRAY TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT SDIFFERENT VALUES								MATERIAL CODE		
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY	PRESSURE IN BAR							SS 304/SS 316	BRASS	PVC
							IN GPM	0.5	1	2	3	5	7	10	G.A DRG mm		
SKG-19.475	●						40*psi	0.5	1	2	3	5	7	10	H	Y	HEX
SKG-19.650	●						1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62	●		
SKG-19.800	●						1.99	3.25	4.6	6.5	7.96	10.28	12.16	14.53	39	8	16
SKG-29.100	●	●					2.45	4	5.66	8	9.8	12.65	14.97	17.89	●		
SKG-29.125	●	●					3.07	5	7.07	10	12.25	15.81	18.71	22.36	45	10	14
SKG-29.160		●					3.83	6.25	8.84	12.5	15.31	19.76	23.39	27.95			
SKG-29.200		●					4.9	8	11.31	16	19.6	25.3	29.93	35.78	●		"
SKG-29.225		●					6.13	10	14.14	20	24.49	31.62	37.42	44.72	48	12.8	17
SKG-29.250		●					6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31			
SKG-29.320		●					7.66	12.5	17.68	25	30.62	39.53	46.77	55.9			
SKG-29.400		●					9.81	16	22.63	32	39.19	50.6	59.87	71.55			
SKG-29.520		●					12.26	20	28.28	40	48.99	63.25	74.83	89.44			
SKG-29.650			●				15.94	26	36.77	52	63.69	82.22	97.28	116.28			
SKG-29.800			●				19.92	32.5	45.96	65	79.61	102.77	121.6	145.34	●		
SKG-39.100			●				24.52	40	56.57	80	97.98	126.49	149.67	178.89	64	14.5	22
SKG-39.118			●				30.65	50	70.71	100	122.47	158.11	187.08	223.61			
SKG-39.130				●			36.17	59	83.44	118	144.52	186.57	220.76	263.86			
SKG-39.160				●			39.85	65	91.92	130	159.22	205.55	243.21	290.69	●		
SKG-39.200					●		49.05	80	113.14	160	195.96	252.98	299.33	357.77	80	18.1	27
SKG-39.227					●		61.31	100	141.42	200	244.95	316.23	374.17	447.21			
SKG-39.250					●	●	69.58	113.5	160.51	227	278.02	358.92	424.68	507.59	●		
SKG-39.337						●	76.63	125	176.78	250	306.19	395.19	467.71	559.02	95	21.4	36
SKG-39.400						●	103	168.5	238.29	337	412.74	532.84	630.47	753.55			



SPIRAL NOZZLE 90 DEG ANG SPRAY TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT SDIFFERENT VALUES								MATERIAL CODE		
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY	PRESSURE IN BAR							SS 304/SS 316	BRASS	PVC
							IN GPM	0.5	1	2	3	5	7	10	G.A DRG mm		
SKG-19.475	●						40*psi	0.5	1	2	3	5	7	10	H	Y	HEX
SKG-19.650	●						1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62	●		
SKG-19.800	●						1.99	3.25	4.6	6.5	7.96	10.28	12.16	14.53	39	8	16
SKG-29.100	●	●					2.45	4	5.66	8	9.8	12.65	14.97	17.89	●		
SKG-29.125	●	●					3.07	5	7.07	10	12.25	15.81	18.71	22.36	45	10	14
SKG-29.160		●					3.83	6.25	8.84	12.5	15.31	19.76	23.39	27.95			
SKG-29.200		●					4.9	8	11.31	16	19.6	25.3	29.93	35.78	●		''
SKG-29.225		●					6.13	10	14.14	20	24.49	31.62	37.42	44.72	48	12.8	17
SKG-29.250		●					6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31			
SKG-29.320		●					7.66	12.5	17.68	25	30.62	39.53	46.77	55.9			
SKG-29.400		●					9.81	16	22.63	32	39.19	50.6	59.87	71.55			
SKG-29.520		●					12.26	20	28.28	40	48.99	63.25	74.83	89.44			
SKG-29.650			●				15.94	26	36.77	52	63.69	82.22	97.28	116.28			
SKG-29.800			●				19.92	32.5	45.96	65	79.61	102.77	121.6	145.34	●		
SKG-39.100			●				24.52	40	56.57	80	97.98	126.49	149.67	178.89	64	14.5	22
SKG-39.118			●				30.65	50	70.71	100	122.47	158.11	187.08	223.61			
SKG-39.130				●			36.17	59	83.44	118	144.52	186.57	220.76	263.86			
SKG-39.160				●			39.85	65	91.92	130	159.22	205.55	243.21	290.69	●		
SKG-39.200					●		49.05	80	113.14	160	195.96	252.98	299.33	357.77	80	18.1	27
SKG-39.227					●		61.31	100	141.42	200	244.95	316.23	374.17	447.21			
SKG-39.250					●	●	69.58	113.5	160.51	227	278.02	358.92	424.68	507.59	●		
SKG-39.337						●	76.63	125	176.78	250	306.19	395.19	467.71	559.02	95	21.4	36
SKG-39.400						●	103	168.5	238.29	337	412.74	532.84	630.47	753.55			



SPIRAL NOZZLE 120 DEG ANG SPRAY TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT SDIFFERENT VALUES								MATERIAL CODE				
	120 SPRAY ANGLE	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY	PRESSURE IN BAR								SS 304/SS 316	BRASS	PVC
								IN GPM									G.A DRG mm		
SKG-19.475	●							40 ^{psi}	0.5	1	2	3	5	7	10	H	Y	HEX	
SKG-19.650	●							1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62	●			
SKG-19.800	●							1.99	3.25	4.6	6.5	7.96	10.28	12.16	14.53	39	8	16	
SKG-29.100	●	●						2.45	4	5.66	8	9.8	12.65	14.97	17.89	●			
SKG-29.125	●	●						3.07	5	7.07	10	12.25	15.81	18.71	22.36	45	10	14	
SKG-29.160		●						3.83	6.25	8.84	12.5	15.31	19.76	23.39	27.95				
SKG-29.200		●						4.9	8	11.31	16	19.6	25.3	29.93	35.78	●		"	
SKG-29.225		●						6.13	10	14.14	20	24.49	31.62	37.42	44.72	48	12.8	17	
SKG-29.250		●						6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
SKG-29.320		●						7.66	12.5	17.68	25	30.62	39.53	46.77	55.9				
SKG-29.400		●						9.81	16	22.63	32	39.19	50.6	59.87	71.55				
SKG-29.520		●						12.26	20	28.28	40	48.99	63.25	74.83	89.44				
SKG-29.650			●					15.94	26	36.77	52	63.69	82.22	97.28	116.28				
SKG-29.800			●					19.92	32.5	45.96	65	79.61	102.77	121.6	145.34	●			
SKG-39.100			●					24.52	40	56.57	80	97.98	126.49	149.67	178.89	64	14.5	22	
SKG-39.118			●					30.65	50	70.71	100	122.47	158.11	187.08	223.61				
SKG-39.130				●				36.17	59	83.44	118	144.52	186.57	220.76	263.86				
SKG-39.160				●				39.85	65	91.92	130	159.22	205.55	243.21	290.69	●			
SKG-39.200					●			49.05	80	113.14	160	195.96	252.98	299.33	357.77	80	18.1	27	
SKG-39.227					●			61.31	100	141.42	200	244.95	316.23	374.17	447.21				
SKG-39.250					●	●		69.58	113.5	160.51	227	278.02	358.92	424.68	507.59	●			
SKG-39.337						●		76.63	125	176.78	250	306.19	395.19	467.71	559.02	95	21.4	36	
SKG-39.400						●		103	168.5	238.29	337	412.74	532.84	630.47	753.55				

H-HEIGHT OF THE NOZZLE
Y-LENGTH OF THE THREAD
HEX-HEXAGON





SPIRAL 160 DEG ANG SPRAY TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION							FLOW RATE IN LPM AT SDIFFERENT VALUES								MATERIAL CODE			
	160 SPRAY ANGLE	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY	PRESSURE IN BAR								SS 304/SS 316	BRASS	PVC
								IN GPM											G.A DRG mm
SKG-19.475	●							40*psi	0.5	1	2	3	5	7	10	H	Y	HEX	
SKG-19.650	●							1.46	2.37	3.36	4.75	5.82	7.51	8.89	10.62	●			
SKG-19.800	●							1.99	3.25	4.6	6.5	7.96	10.28	12.16	14.53	39	8	16	
SKG-29.100	●	●						2.45	4	5.66	8	9.8	12.65	14.97	17.89	●			
SKG-29.125	●	●						3.07	5	7.07	10	12.25	15.81	18.71	22.36	45	10	14	
SKG-29.160		●						3.83	6.25	8.84	12.5	15.31	19.76	23.39	27.95				
SKG-29.200		●						4.9	8	11.31	16	19.6	25.3	29.93	35.78	●		"	
SKG-29.225		●						6.13	10	14.14	20	24.49	31.62	37.42	44.72	48	12.8	17	
SKG-29.250		●						6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
SKG-29.320		●						7.66	12.5	17.68	25	30.62	39.53	46.77	55.9				
SKG-29.400		●						9.81	16	22.63	32	39.19	50.6	59.87	71.55				
SKG-29.520		●						12.26	20	28.28	40	48.99	63.25	74.83	89.44				
SKG-29.650			●					15.94	26	36.77	52	63.69	82.22	97.28	116.28				
SKG-29.800			●					19.92	32.5	45.96	65	79.61	102.77	121.6	145.34	●			
SKG-39.100			●					24.52	40	56.57	80	97.98	126.49	149.67	178.89	64	14.5	22	
SKG-39.118			●					30.65	50	70.71	100	122.47	158.11	187.08	223.61				
SKG-39.130				●				36.17	59	83.44	118	144.52	186.57	220.76	263.86				
SKG-39.160				●				39.85	65	91.92	130	159.22	205.55	243.21	290.69	●			
SKG-39.200					●			49.05	80	113.14	160	195.96	252.98	299.33	357.77	80	18.1	27	
SKG-39.227					●			61.31	100	141.42	200	244.95	316.23	374.17	447.21				
SKG-39.250					●	●		69.58	113.5	160.51	227	278.02	358.92	424.68	507.59	●			
SKG-39.337						●		76.63	125	176.78	250	306.19	395.19	467.71	559.02	95	21.4	36	
SKG-39.400						●		103	168.5	238.29	337	412.74	532.84	630.47	753.55				