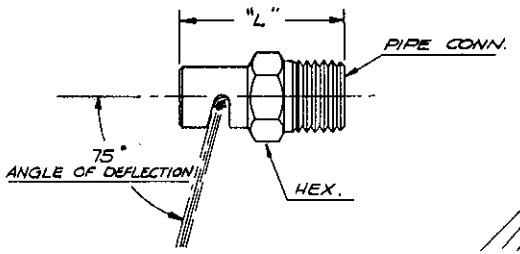
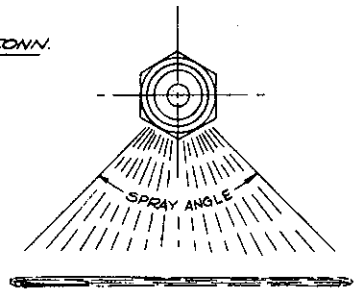
NOZZLE NO.	PIPE CONN. N.P.T.	ORIFICE DIA.	NET WEIGHT	DIMENSIONS HEX.	DIMENSIONS "L"	CAPACITY G.P.M. (Gallons Per Minute) AND SPRAY ANGLE AT PSI (Lbs. Per Sq Inch) 3	5	7	10	15	20	30	40	60
1/8K.25	1/8"	.016	1/2 oz.	7/16"	15/16"					.03 69°	.035 83°	.04 102°	.05 108°	.06 117°
1/8K.50	1/8"	.024	1/2 oz.	7/16"	15/16"					.05 73°	.07 89°	.08 108°	.10 114°	.12 122°
1/8K.75	1/8"	.028	1/2 oz.	7/16"	15/16"				.075 106°	.09 96°	.11 106°	.13 115°	.15 120°	.18 125°
1/8K1	1/8"	.033	1/2 oz.	7/16"	15/16"				.10 80°	.12 100°	.14 109°	.17 118°	.20 123°	.24 128°
1/8K1.5	1/8"	.041	1/2 oz.	7/16"	15/16"			.12 73°	.15 85°	.18 99°	.21 108°	.26 116°	.30 121°	.37 125°
1/8K2	1/8"	.046	1/2 oz.	7/16"	1"			.17 83°	.20 95°	.24 107°	.28 113°	.35 121°	.40 125°	.49 129°
1/8K2.5	1/8"	.052	1/2 oz.	7/16"	1"		.18 89°	.21 98°	.25 110°	.31 118°	.35 122°	.43 126°	.50 129°	.61 133°
1/8K3	1/8"	.057	1/2 oz.	7/16"	1"		.21 72°	.25 86°	.30 96°	.37 108°	.42 112°	.52 115°	.60 120°	.73 126°
1/8K4	1/8"	.067	1/2 oz.	7/16"	1"		.28 89°	.33 97°	.40 107°	.49 115°	.57 123°	.69 125°	.80 129°	.98 132°
1/8K5	1/8"	.073	1/2 oz.	7/16"	1"	.27 88°	.35 103°	.42 114°	.50 120°	.61 126°	.71 128°	.87 134°	1.0 137°	1.2 142°
1/8K7.5	1/8"	.091	1/2 oz.	7/16"	1"	.41 75°	.53 93°	.63 101°	.75 106°	.92 113°	1.1 119°	1.3 125°	1.5 128°	1.8 134
1/8K10	1/8"	.104	1/2 oz.	7/16"	1"	.55 95°	.71 110°	.84 115°	1.0 121°	1.2 128°	1.4 133°	1.7 136°	2.0 141°	2.5 145°
1/8K12	1/8"	.116	1/2 oz.	7/16"	1"	.66 102°	.85 119°	1.0 128°	1.2 133°	1.5 135°	1.7 139°	2.1 145°	2.4 149°	2.9 153°
1/8K15	1/8"	.129	1 oz.	9/16"	1 3/32"	.82 75°	1.1 91°	1.3 98°	1.5 106°	1.8 110°	2.1 113°	2.6 117°	3.0 120°	3.7 123°
1/8K18	1/8"	.141	1 oz.	9/16"	1 3/32"	.99 85°	1.3 102°	1.5 106°	1.8 111°	2.2 116°	2.5 120°	3.1 124°	3.6 126°	4.4 131°
1/8K20	1/8"	.148	1 oz.	9/16"	1 3/32"	1.1 95°	1.4 104°	1.7 110°	2.0 113°	2.4 118°	2.8 122°	3.5 126°	4.0 128°	4.9 133°
1/4K2	1/4"	.046	1 oz.	9/16"	1 3/32			.17 82°	.20 93°	.24 105°	.28 111°	.35 119°	.40 124°	.49 128°
1/4K2.5	1/4"	.052	1 oz.	9/16"	1 3/32"		.18 89°	.21 98°	.25 110°	.31 118°	.35 122°	.43 126°	.50 129°	.61 133°
1/4K3	1/4"	.057	1 oz.	9/16"	1 3/32"		.21 72°	.25 86°	.30 96°	.37 108°	.42 112°	.52 115°	.60 120°	.73 126°
1/4K5	1/4"	.073	1 oz.	9/16"	1 3/32"	.27 88°	.35 105°	.42 114°	.50 120°	.61 126°	.71 128°	.87 134°	1.0 137°	1.2 142°
1/4K7.5	1/4"	.091	1 oz.	9/16"	1 3/32"	.41 75°	.53 93°	.63 101°	.75 106°	.92 113°	1.1 119°	1.3 125°	1.5 128°	1.8 134°
1/4K10	1/4"	.104	1 oz.	9/16"	1 3/32"	.55 95°	.71 110°	.84 115°	1.0 121°	1.2 128°	1.4 133°	1.7 136°	2.0 141°	2.5 145°
1/4K15	1/4"	.129	1 oz.	9/16"	1 11/32"	.82 75°	1.1 91°	1.3 98°	1.5 106°	1.8 110°	2.1 113°	2.6 117°	3.0 120°	3.7 123°
1/4K18	1/4"	.141	1 oz.	9/16"	1 11/32"	.99 85°	1.3 95°	1.5 106°	1.8 112°	2.2 118°	2.5 120°	3.1 124°	3.6 126°	4.4 131°
1/4K20	1/4"	.148	1 oz.	9/16"	1 11/32	1.1 95°	1.4 104°	1.7 110°	2.0 113°	2.4 118°	2.8 122°	3.5 126°	4.0 128°	4.9 133°
1/4K22	1/4"	.156	1 oz.	9/16"	1 11/32	1.2 100°	1.6 105°	1.8 113°	2.2 116°	2.7 121°	3.1 125°	3.8 128°	4.4 131°	5.4 136°
1/4K24	1/4"	.161	1 oz.	9/16"	1 11/32	1.3 103°	1.7 107°	2.0 115°	2.4 118°	2.9 125°	3.4 131°	4.2 135°	4.8 140°	5.9 144°
1/4K27	1/4"	.173	1 oz.	9/16"	1 11/32	1.5 107°	1.9 116°	2.3 119°	2.7 125°	3.3 130°	3.8 135°	4.7 140°	5.4 144°	6.6 148°
3/8K30	3/8"	.180	2 oz.	11/16"	1 3/4"	1.6 93°	2.1 96°	2.5 100°	3.0 104°	3.7 107°	4.2 110°	5.1 113°	6.0 116°	7.3 121°
3/8K35	3/8"	.196	2 oz.	11/16"	1 3/4"	1.9 98°	2.5 102°	2.9 105°	3.5 109°	4.3 114°	5.0 118°	6.1 121°	7.0 124°	8.6 128°
3/8K40	3/8"	.209	2 oz.	11/16"	1 3/4"	2.2 104°	2.8 108°	3.3 111°	4.0 115°	4.9 121°	5.7 126°	6.9 129°	8.0 133°	9.8 136°
3/8K45	3/8"	.221	2 oz.	11/16"	1 3/4"	2.5 108°	3.2 111°	3.8 115°	4.5 120°	5.5 125°	6.4 130°	7.8 133°	9.0 137°	11.0 140°
1/2K40	1/2"	.209	4 oz.	7/8"	2"	2.2 104°	2.8 108°	3.3 111°	4.0 115°	4.9 121°	5.7 126°	6.9 129°	8.0 133°	9.8 136°
1/2K50	1/2"	.238	4 oz.	7/8"	2"	2.7 105°	3.5 112°	4.2 117°	5.0 121°	6.1 126°	7.0 131°	8.7 135°	10.0 138°	12.3 140°
1/2K60	1/2"	.256	4 oz.	7/8"	2"	3.3 110°	4.2 115°	5.0 120°	6.0 125°	7.3 129°	8.5 134°	10.4 138°	12.0 140°	14.7 142°
1/2K70	1/2"	.281	4 oz.	7/8"	2"	3.8 113°	5.0 118°	5.9 123°	7.0 128°	8.6 138°	9.9 137°	12.1 139°	14.0 143°	17.2 146°

NOZZLE NO.	PIPE CONN. N.P.T.	ORIFICE DIA.	NET WEIGHT	DIMENSIONS HEX.	DIMENSIONS "L"	CAPACITY G.P.M. (Gallons Per Minute) AND SPRAY ANGLE AT P.S.I. (Lbs Per Sq. Inch) 3	5	7	10	15	20	30	40	60
1/2K80	1/2"	.297	4 oz.	7/8"	2"	4.4 115°	5.6 121°	6.7 127°	8.0 131°	9.8 135°	11.3 138°	13.8 141°	16.0 145°	19.6 149°
3/4K90	3/4"	.316	7 oz.	1 1/8"	2 3/16"	4.9 107°	6.4 115°	7.5 120°	9.0 125°	11.0 129°	12.7 133°	15.6 136°	18.0 138°	20.2 140°
3/4K100	3/4"	.332	7 oz.	1 1/8"	2 3/16"	5.5 112°	7.1 117°	8.4 123°	10.0 128°	12.3 132°	14.1 136°	17.3 139°	20.0 142°	24.5 145°
3/4K110	3/4"	.348	7 oz.	1 1/8"	2 3/16"	6.0 115°	7.8 120°	9.2 125°	11.0 130°	13.5 135°	15.6 138°	19.0 141°	22.0 144°	27.0 148°
3/4K120	3/4"	.368	7 oz.	1 1/8"	2 3/16"	6.6 118°	8.5 123°	10.0 128°	12.0 133°	14.7 139°	17.0 143°	20.8 147°	24.0 150°	29.4 158°
3/4K180	3/4"	.453	14 oz.	1 1/2"	2 9/16"	10.0 114°	12.7 121°	15.1 124°	18.0 126°	22.0 129°	25.2 133°	31.1 135°	36.0 137°	44.1 139°
3/4K210	3/4"	.484	14 oz.	1 1/2"	2 9/16"	11.5 117°	14.8 124°	17.5 128°	21.0 133°	25.7 137°	29.4 139°	36.3 141°	42.0 145°	51.4 145°
1K300	1"	.578	1 3/4 lbs.	1 3/4"	3 7/16"	16.5 101°	21.2 107°	25.1 110°	30.0 116°	36.8 123°	42.5 128°	52.0 130°	60.0 133°	73.5 135°
1K450	1"	.703	2 lbs.	1 7/8"	3 5/8"	24.7 104°	31.8 113°	37.7 118°	45.0 123°	55.1 128°	63.7 132°	78.0 134°	90.0 136°	111.0 138°

VERY WIDE FLAT SPRAY PATTERN WITH UNIFORM DISTRIBUTION. NON-CLOGGING DESIGN WITH NO INTERNAL VANES

MATERIAL - BRASS, STEEL OR STAINLESS STEEL.





FLAT SPRAY PATTERN

ABOVE TABULATION BASED ON SPRAYING WATER AT 70°F

DESCRIPTION

FLOODJET NOZZLES

SPRAYING SYSTEMS CO.
Engineers and Manufacturers
NORTH AVENUE AT SCHMALE ROAD • WHEATON, ILLINOIS 60187

DR. BY R.M.
DATE 11-22-74
DWG. NO. 2884