

LARGE K FLOODJET 36" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	
	psi																		
	gpm																		
3/8KSS30	10	3.00	123.8	110.0	99.0	90.0	82.5	76.2	70.7	66.0	61.9	58.2	55.0	52.1	49.5	47.1	45.0	43.0	41.3
	20	4.24	174.9	155.5	139.9	127.2	116.6	107.6	99.9	93.3	87.5	82.3	77.7	73.6	70.0	66.6	63.6	60.8	58.3
	30	5.20	214.5	190.7	171.6	156.0	143.0	132.0	122.6	114.4	107.3	100.9	95.3	90.3	85.8	81.7	78.0	74.6	71.5
	40	6.00	247.5	220.0	198.0	180.0	165.0	152.3	141.4	132.0	123.8	116.5	110.0	104.2	99.0	94.3	90.0	86.1	82.5
3/8KSS35	10	3.50	144.4	128.3	115.5	105.0	96.3	88.8	82.5	77.0	72.2	67.9	64.2	60.8	57.8	55.0	52.5	50.2	48.1
	20	4.95	204.2	181.5	163.4	148.5	136.1	125.7	116.7	108.9	102.1	96.1	90.8	86.0	81.7	77.8	74.3	71.0	68.1
	30	6.06	250.0	222.2	200.0	181.8	166.7	153.8	142.8	133.3	125.0	117.6	111.1	105.3	100.0	95.2	90.9	86.9	83.3
	40	7.00	288.8	256.7	231.0	210.0	192.5	177.7	165.0	154.0	144.4	135.9	128.3	121.6	115.5	110.0	105.0	100.4	96.3
3/8KSS40 1/2KSS40	10	4.00	165.0	146.7	132.0	120.0	110.0	101.5	94.3	88.0	82.5	77.6	73.3	69.5	66.0	62.9	60.0	57.4	55.0
	20	5.66	233.5	207.5	186.8	169.8	155.7	143.7	133.4	124.5	116.7	109.9	103.8	98.3	93.4	88.9	84.9	81.2	77.8
	30	6.93	285.9	254.1	228.7	207.9	190.6	175.9	163.4	152.5	142.9	134.5	127.1	120.4	114.3	108.9	104.0	99.4	95.3
	40	8.00	330.0	293.3	264.0	240.0	220.0	203.1	188.6	176.0	165.0	155.3	146.7	138.9	132.0	125.7	120.0	114.8	110.0
3/8KSS45	10	4.50	185.6	165.0	148.5	135.0	123.8	114.2	106.1	99.0	92.8	87.4	82.5	78.2	74.3	70.7	67.5	64.6	61.9
	20	6.36	262.4	233.2	209.9	190.8	174.9	161.4	149.9	139.9	131.2	123.5	116.6	110.5	104.9	99.9	95.4	91.3	87.5
	30	7.79	321.3	285.6	257.1	233.7	214.2	197.7	183.6	171.4	160.7	151.2	142.8	135.3	128.5	122.4	116.9	111.8	107.1
	40	9.00	371.3	330.0	297.0	270.0	247.5	228.5	212.1	198.0	185.6	174.7	165.0	156.3	148.5	141.4	135.0	129.1	123.8
1/2KSS50	10	5.00	206.3	183.3	165.0	150.0	137.5	126.9	117.9	110.0	103.1	97.1	91.7	86.8	82.5	78.6	75.0	71.7	68.8
	20	7.07	291.6	259.2	233.3	212.1	194.4	179.5	166.7	155.5	145.8	137.2	129.6	122.8	116.7	111.1	106.1	101.4	97.2
	30	8.66	357.2	317.5	285.8	259.8	238.2	219.8	204.1	190.5	178.6	168.1	158.8	150.4	142.9	136.1	129.9	124.3	119.1
	40	10.00	412.5	366.7	330.0	300.0	275.0	253.8	235.7	220.0	206.3	194.1	183.3	173.7	165.0	157.1	150.0	143.5	137.5
1/2KSS60	10	6.00	247.5	220.0	198.0	180.0	165.0	152.3	141.4	132.0	123.8	116.5	110.0	104.2	99.0	94.3	90.0	86.1	82.5
	20	8.49	350.2	311.3	280.2	254.7	233.5	215.5	200.1	186.8	175.1	164.8	155.7	147.5	140.1	133.4	127.4	121.8	116.7
	30	10.40	429.0	381.3	343.2	312.0	286.0	264.0	245.1	228.8	214.5	201.9	190.7	180.6	171.6	163.4	156.0	149.2	143.0
	40	12.00	495.0	440.0	396.0	360.0	330.0	304.6	282.9	264.0	247.5	232.9	220.0	208.4	198.0	188.6	180.0	172.2	165.0
1/2KSS70	10	7.00	288.8	256.7	231.0	210.0	192.5	177.7	165.0	154.0	144.4	135.9	128.3	121.6	115.5	110.0	105.0	100.4	96.3
	20	9.90	408.4	363.0	326.7	297.0	272.3	251.3	233.4	217.8	204.2	192.2	181.5	171.9	163.4	155.6	148.5	142.0	136.1
	30	12.10	499.1	443.7	399.3	363.0	332.8	307.2	285.2	266.2	249.6	234.9	221.8	210.2	199.7	190.1	181.5	173.6	166.4
	40	14.00	577.5	513.3	462.0	420.0	385.0	355.4	330.0	308.0	288.8	271.8	256.7	243.2	231.0	220.0	210.0	200.9	192.5
1/2KSS80 3/4KSS80	10	8.00	330.0	293.3	264.0	240.0	220.0	203.1	188.6	176.0	165.0	155.3	146.7	138.9	132.0	125.7	120.0	114.8	110.0
	20	11.30	466.1	414.3	372.9	339.0	310.8	286.8	266.4	248.6	233.1	219.4	207.2	196.3	186.5	177.6	169.5	162.1	155.4
	30	13.90	573.4	509.7	458.7	417.0	382.3	352.8	327.6	305.8	286.7	269.8	254.8	241.4	229.4	218.4	208.5	199.4	191.1
	40	16.00	660.0	586.7	528.0	480.0	440.0	406.2	377.1	352.0	330.0	310.6	293.3	277.9	264.0	251.4	240.0	229.6	220.0
1/2KSS90 3/4KSS90	10	9.00	371.3	330.0	297.0	270.0	247.5	228.5	212.1	198.0	185.6	174.7	165.0	156.3	148.5	141.4	135.0	129.1	123.8
	20	12.70	523.9	465.7	419.1	381.0	349.3	322.4	299.4	279.2	261.9	246.5	232.8	220.6	209.6	199.6	190.5	182.2	174.6
	30	15.60	643.5	572.0	514.8	468.0	429.0	396.0	367.7	343.2	321.8	302.8	286.0	270.9	257.4	245.1	234.0	223.8	214.5
	40	18.00	742.5	660.0	594.0	540.0	495.0	456.9	424.3	396.0	371.3	349.4	330.0	312.6	297.0	282.9	270.0	258.3	247.5
3/4KSS100	10	10.00	412.5	366.7	330.0	300.0	275.0	253.8	235.7	220.0	206.3	194.1	183.3	173.7	165.0	157.1	150.0	143.5	137.5
	20	14.10	581.6	517.0	465.3	423.0	387.8	357.9	332.4	310.2	290.8	273.7	258.5	244.9	232.7	221.6	211.5	202.3	193.9
	30	17.30	713.6	634.3	570.9	519.0	475.8	439.2	407.8	380.6	356.8	335.8	317.2	300.5	285.5	271.9	259.5	248.2	237.9
	40	20.00	825.0	733.3	660.0	600.0	550.0	507.7	471.4	440.0	412.5	388.2	366.7	347.4	330.0	314.3	300.0	287.0	275.0
3/4KSS110	10	11.00	453.8	403.3	363.0	330.0	302.5	279.2	259.3	242.0	226.9	213.5	201.7	191.1	181.5	172.9	165.0	157.8	151.3
	20	15.60	643.5	572.0	514.8	468.0	429.0	396.0	367.7	343.2	321.8	302.8	286.0	270.9	257.4	245.1	234.0	223.8	214.5
	30	19.10	787.9	700.3	630.3	573.0	525.3	484.8	450.2	420.2	393.9	370.8	350.2	331.7	315.2	300.1	286.5	274.0	262.6
	40	22.00	908	806.7	726.0	660.0	605.0	558.5	518.6	484.0	453.8	427.1	403.3	382.1	363.0	345.7	330.0	315.7	302.5
1/2KSS120 3/4KSS120	10	12.00	495.0	440.0	396.0	360.0	330.0	304.6	282.9	264.0	247.5	232.9	220.0	208.4	198.0	188.6	180.0	172.2	165.0
	20	17.00	701.3	623.3	561.0	510.0	467.5	431.5	400.7	374.0	350.6	330.0	311.7	295.3	280.5	267.1	255.0	243.9	233.8
	30	20.80	858	762.7	686.4	624.0	572.0	528.0	490.3	457.6	429.0	403.8	381.3	361.3	343.2	326.9	312.0	298.4	286.0
	40	24.00	990	880	792.0	720.0	660.0	609.2	565.7	528.0	495.0	465.9	440.0	416.8	396.0	377.1	360.0	344.3	330.0
3/4KSS140	10	14.00	577.5	513.3	462.0	420.0	385.0	355.4	330.0	308.0	288.8	271.8	256.7	243.2	231.0	220.0	210.0	200.9	192.5
	20	19.80	816.8	726.0	653.4	594.0	544.5	502.6	466.7	435.6	408.4	384.4	363.0	343.9	326.7	311.1	297.0	284.1	272.3
	30	24.20	998	887	798.6	726.0	665.5	614.3	570.4	532.4	499.1	469.8	443.7	420.3	399.3	380.3	363.0	347.2	332.8
	40	28.00	1155	1027	924	840	770.0	710.8	660.0	616.0	577.5	543.5	513.3	486.3	462.0	440.0	420.0	401.7	385.0
3/4KSS160	10	16.00	660.0	586.7	528.0	480.0	440.0	406.2	377.1	352.0	330.0	310.6	293.3	277.9	264.0	251.4	240.0	229.6	220.0
	20	22.60	932	828.7	745.8	678.0	621.5	573.7	532.7	497.2	466.1	438.7	414.3	392.5	372.9	355.1	339.0	324.3	310.8
	30	27.70	1143	1016	914	831.0	761.8	703.2	652.9	609.4	571.3	537.7	507.8	481.1	457.1	435.3	415.5	397.4	380.9
	40	32.00																	

LARGE K FLOODJET 36" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS																mph	
12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0		
																gpm	psi
39.6	38.1	36.7	35.4	34.1	33.0	31.9	30.9	30.0	29.1	28.3	27.5	26.8	26.1	25.4	24.8	3.00	10
56.0	53.8	51.8	50.0	48.2	46.6	45.1	43.7	42.4	41.2	40.0	38.9	37.8	36.8	35.9	35.0	4.24	20
68.6	66.0	63.6	61.3	59.2	57.2	55.4	53.6	52.0	50.5	49.0	47.7	46.4	45.2	44.0	42.9	5.20	30
79.2	76.2	73.3	70.7	68.3	66.0	63.9	61.9	60.0	58.2	56.6	55.0	53.5	52.1	50.8	49.5	6.00	40
46.2	44.4	42.8	41.3	39.8	38.5	37.3	36.1	35.0	34.0	33.0	32.1	31.2	30.4	29.6	28.9	3.50	10
65.3	62.8	60.5	58.3	56.3	54.5	52.7	51.0	49.5	48.0	46.7	45.4	44.1	43.0	41.9	40.8	4.95	20
80.0	76.9	74.1	71.4	69.0	66.7	64.5	62.5	60.6	58.8	57.1	55.6	54.0	52.6	51.3	50.0	6.06	30
92.4	88.8	85.6	82.5	79.7	77.0	74.5	72.2	70.0	67.9	66.0	64.2	62.4	60.8	59.2	57.8	7.00	40
52.8	50.8	48.9	47.1	45.5	44.0	42.6	41.3	40.0	38.8	37.7	36.7	35.7	34.7	33.8	33.0	4.00	10
74.7	71.8	69.2	66.7	64.4	62.3	60.3	58.4	56.6	54.9	53.4	51.9	50.5	49.2	47.9	46.7	5.66	20
91.5	88.0	84.7	81.7	78.9	76.2	73.8	71.5	69.3	67.3	65.3	63.5	61.8	60.2	58.6	57.2	6.93	30
105.6	101.5	97.8	94.3	91.0	88.0	85.2	82.5	80.0	77.6	75.4	73.3	71.4	69.5	67.7	66.0	8.00	40
59.4	57.1	55.0	53.0	51.2	49.5	47.9	46.4	45.0	43.7	42.4	41.3	40.1	39.1	38.1	37.1	4.50	10
84.0	80.7	77.7	75.0	72.4	70.0	67.7	65.6	63.6	61.7	60.0	58.3	56.7	55.2	53.8	52.5	6.36	20
102.8	98.9	95.2	91.8	88.6	85.7	82.9	80.3	77.9	75.6	73.4	71.4	69.5	67.7	65.9	64.3	7.79	30
118.8	114.2	110.0	106.1	102.4	99.0	95.8	92.8	90.0	87.4	84.9	82.5	80.3	78.2	76.2	74.3	9.00	40
66.0	63.5	61.1	58.9	56.9	55.0	53.2	51.6	50.0	48.5	47.1	45.8	44.6	43.4	42.3	41.3	5.00	10
93.3	89.7	86.4	83.3	80.5	77.8	75.3	72.9	70.7	68.6	66.7	64.8	63.1	61.4	59.8	58.3	7.07	20
114.3	109.9	105.8	102.1	98.5	95.3	92.2	89.3	86.6	84.1	81.7	79.4	77.2	75.2	73.3	71.4	8.66	30
132.0	126.9	122.2	117.9	113.8	110.0	106.5	103.1	100.0	97.1	94.3	91.7	89.2	86.8	84.6	82.5	10.00	40
79.2	76.2	73.3	70.7	68.3	66.0	63.9	61.9	60.0	58.2	56.6	55.0	53.5	52.1	50.8	49.5	6.00	10
112.1	107.8	103.8	100.1	96.6	93.4	90.4	87.6	84.9	82.4	80.0	77.8	75.7	73.7	71.8	70.0	8.49	20
137.3	132.0	127.1	122.6	118.3	114.4	110.7	107.3	104.0	100.9	98.1	95.3	92.8	90.3	88.0	85.8	10.40	30
158.4	152.3	146.7	141.4	136.6	132.0	127.7	123.8	120.0	116.5	113.1	110.0	107.0	104.2	101.5	99.0	12.00	40
92.4	88.8	85.6	82.5	79.7	77.0	74.5	72.2	70.0	67.9	66.0	64.2	62.4	60.8	59.2	57.8	7.00	10
130.7	125.7	121.0	116.7	112.7	108.9	105.4	102.1	99.0	96.1	93.3	90.8	88.3	86.0	83.8	81.7	9.90	20
159.7	153.6	147.9	142.6	137.7	133.1	128.8	124.8	121.0	117.4	114.1	110.9	107.9	105.1	102.4	99.8	12.10	30
184.8	177.7	171.1	165.0	159.3	154.0	149.0	144.4	140.0	135.9	132.0	128.3	124.9	121.6	118.5	115.5	14.00	40
105.6	101.5	97.8	94.3	91.0	88.0	85.2	82.5	80.0	77.6	75.4	73.3	71.4	69.5	67.7	66.0	8.00	10
149.2	143.4	138.1	133.2	128.6	124.3	120.3	116.5	113.0	109.7	106.5	103.6	100.8	98.1	95.6	93.2	11.30	20
183.5	176.4	169.9	163.8	158.2	152.9	148.0	143.3	139.0	134.9	131.1	127.4	124.0	120.7	117.6	114.7	13.90	30
211.2	203.1	195.6	188.6	182.1	176.0	170.3	165.0	160.0	155.3	150.9	146.7	142.7	138.9	135.4	132.0	16.00	40
118.8	114.2	110.0	106.1	102.4	99.0	95.8	92.8	90.0	87.4	84.9	82.5	80.3	78.2	76.2	74.3	9.00	10
167.6	161.2	155.2	149.7	144.5	139.7	135.2	131.0	127.0	123.3	119.7	116.4	113.3	110.3	107.5	104.8	12.70	20
205.9	198.0	190.7	183.9	177.5	171.6	166.1	160.9	156.0	151.4	147.1	143.0	139.1	135.5	132.0	128.7	15.60	30
237.6	228.5	220.0	212.1	204.8	198.0	191.6	185.6	180.0	174.7	169.7	165.0	160.5	156.3	152.3	148.5	18.00	40
132.0	126.9	122.2	117.9	113.8	110.0	106.5	103.1	100.0	97.1	94.3	91.7	89.2	86.8	84.6	82.5	10.00	10
186.1	179.0	172.3	166.2	160.4	155.1	150.1	145.4	141.0	136.9	132.9	129.3	125.8	122.4	119.3	116.3	14.10	20
228.4	219.6	211.4	203.9	196.9	190.3	184.2	178.4	173.0	167.9	163.1	158.6	154.3	150.2	146.4	142.7	17.30	30
264.0	253.8	244.4	235.7	227.6	220.0	212.9	206.3	200.0	194.1	188.6	183.3	178.4	173.7	169.2	165.0	20.00	40
145.2	139.6	134.4	129.6	125.2	121.0	117.1	113.4	110.0	106.8	103.7	100.8	98.1	95.5	93.1	90.8	11.00	10
205.9	198.0	190.7	183.9	177.5	171.6	166.1	160.9	156.0	151.4	147.1	143.0	139.1	135.5	132.0	128.7	15.60	20
252.1	242.4	233.4	225.1	217.3	210.1	203.3	197.0	191.0	185.4	180.1	175.1	170.4	165.9	161.6	157.6	19.10	30
290.4	279.2	268.9	259.3	250.3	242.0	234.2	226.9	220.0	213.5	207.4	201.7	196.2	191.1	186.2	181.5	22.00	40
158.4	152.3	146.7	141.4	136.6	132.0	127.7	123.8	120.0	116.5	113.1	110.0	107.0	104.2	101.5	99.0	12.00	10
224.4	215.8	207.8	200.4	193.4	187.0	181.0	175.3	170.0	165.0	160.3	155.8	151.6	147.6	143.8	140.3	17.00	20
274.6	264.0	254.2	245.1	236.7	228.8	221.4	214.5	208.0	201.9	196.1	190.7	185.5	180.6	176.0	171.6	20.80	30
316.8	304.6	293.3	282.9	273.1	264.0	255.5	247.5	240.0	232.9	226.3	220.0	214.1	208.4	203.1	198.0	24.00	40
184.8	177.7	171.1	165.0	159.3	154.0	149.0	144.4	140.0	135.9	132.0	128.3	124.9	121.6	118.5	115.5	14.00	10
261.4	251.3	242.0	233.4	225.3	217.8	210.8	204.2	198.0	192.2	186.7	181.5	176.6	171.9	167.5	163.4	19.80	20
319.4	307.2	295.8	285.2	275.4	266.2	257.6	249.6	242.0	234.9	228.2	221.8	215.8	210.2	204.8	199.7	24.20	30
369.6	355.4	342.2	330.0	318.6	308.0	298.1	288.8	280.0	271.8	264.0	256.7	249.7	243.2	236.9	231.0	28.00	40
211.2	203.1	195.6	188.6	182.1	176.0	170.3	165.0	160.0	155.3	150.9	146.7	142.7	138.9	135.4	132.0	16.00	10
298.3	286.8	276.2	266.4	257.2	248.6	240.6	233.1	226.0	219.4	213.1	207.2	201.6	196.3	191.2	186.5	22.60	20
365.6	351.6	338.6	326.5	315.2	304.7	294.9	285.7	277.0	268.9	261.2	253.9	247.1	240.6	234.4	228.5	27.70	30
422.4	406.2	391.1	377.1	364.1	352.0	340.6	330.0	320.0	310.6	301.7	293.3	285.4	277.9	270.8	264.0	32.00	40
237.6	228.5	220.0	212.1	204.8	198.0	191.6	185.6	180.0	174.7	169.7	165.0	160.5	156.3	152.3	148.5	18.00	10
336.6	323.7	311.7	300.5	290.2	280.5	271.5	263.0	255.0	247.5	240.4	233.8	227.4	221.4	215.8	210.4	25.50	20
411.8	396.0	381.3	367.7	355.0	343.2	332.1	321.8	312.0	302.8	294.2	286.0	278.3	270.9	264.0	257.4	31.20	30
475.2	456.9	440.0	424.3	409.7	396.0	383.2	371.3	360.0	349.4	339.4	330.0	321.1	312.6	304.6	297.0	36.00	40
277.2	266.5	256.7	247.5	239.0	231.0	223.5	216.6	210.0	203.8	198.0	192.5	187.3	182.4	177.7	173.3	21.00	10
392.0	377.0	363.0	350.0	338.0	326.7	316.2	306.3	297.0	288.3	280.0	272.3	264.9	257.9	251.3	245.0	29.70	20
480.5	462.0	444.9	429.0	414.2	400.4	387.5	375.4	364.0	353.3	343.2	333.7	324.6	316.1	308.0	300.3	36.40	30
554.4	533.1	513.3	495.0	477.9	462.0	447.1	433.1	420.0	407.6	396.0	385.0	374.6	364.7	355.4	346.5	42.00	40