

LARGE K FLOODJET 38" 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	117.2	104.2	93.8	85.3	78.2	72.1	67.0	62.5	58.6	55.2	52.1	49.4	46.9	44.7	42.6	40.8	39.1
	20	4.24	165.7	147.3	132.6	120.5	110.5	102.0	94.7	88.4	82.8	78.0	73.6	69.8	66.3	63.1	60.3	57.6	55.2
	30	5.20	203.2	180.6	162.6	147.8	135.5	125.1	116.1	108.4	101.6	95.6	90.3	85.6	81.3	77.4	73.9	70.7	67.7
	40	6.00	234.5	208.4	187.6	170.5	156.3	144.3	134.0	125.1	117.2	110.3	104.2	98.7	93.8	89.3	85.3	81.6	78.2
3/8KSS35	10	3.50	136.8	121.6	109.4	99.5	91.2	84.2	78.2	72.9	68.4	64.4	60.8	57.6	54.7	52.1	49.7	47.6	45.6
	20	4.95	193.4	171.9	154.8	140.7	129.0	119.0	110.5	103.2	96.7	91.0	86.0	81.4	77.4	73.7	70.3	67.3	64.5
	30	6.06	236.8	210.5	189.5	172.2	157.9	145.7	135.3	126.3	118.4	111.4	105.3	99.7	94.7	90.2	86.1	82.4	78.9
	40	7.00	273.6	243.2	218.8	198.9	182.4	168.3	156.3	145.9	136.8	128.7	121.6	115.2	109.4	104.2	99.5	95.1	91.2
3/8KSS40 1/2KSS40	10	4.00	156.3	138.9	125.1	113.7	104.2	96.2	89.3	83.4	78.2	73.6	69.5	65.8	62.5	59.5	56.8	54.4	52.1
	20	5.66	221.2	196.6	176.9	160.9	147.5	136.1	126.4	118.0	110.6	104.1	98.3	93.1	88.5	84.3	80.4	76.9	73.7
	30	6.93	270.8	240.7	216.7	197.0	180.5	166.7	154.8	144.4	135.4	127.4	120.4	114.0	108.3	103.2	98.5	94.2	90.3
	40	8.00	312.6	277.9	250.1	227.4	208.4	192.4	178.6	166.7	156.3	147.1	138.9	131.6	125.1	119.1	113.7	108.7	104.2
3/8KSS45	10	4.50	175.9	156.3	140.7	127.9	117.2	108.2	100.5	93.8	87.9	82.8	78.2	74.0	70.3	67.0	63.9	61.2	58.6
	20	6.36	248.5	220.9	198.8	180.8	165.7	152.9	142.0	132.6	124.3	117.0	110.5	104.6	99.4	94.7	90.4	86.4	82.8
	30	7.79	304.4	270.6	243.5	221.4	203.0	187.3	174.0	162.4	152.2	143.3	135.3	128.2	121.8	116.0	110.9	105.9	101.5
	40	9.00	351.7	312.6	281.4	255.8	234.5	216.4	201.0	187.6	175.9	165.5	156.3	148.1	140.7	134.0	127.9	122.3	117.2
1/2KSS50	10	5.00	195.4	173.7	156.3	142.1	130.3	120.2	111.7	104.2	97.7	92.0	86.8	82.3	78.2	74.4	71.1	68.0	65.1
	20	7.07	276.3	245.6	221.0	200.9	184.2	170.0	157.9	147.4	138.1	130.0	122.8	116.3	110.5	105.3	100.5	96.1	92.1
	30	8.66	338.4	300.8	270.7	246.1	225.6	208.3	193.4	180.5	169.2	159.3	150.4	142.5	135.4	128.9	123.1	117.7	112.8
	40	10.00	390.8	347.4	312.6	284.2	260.5	240.5	223.3	208.4	195.4	183.9	173.7	164.5	156.3	148.9	142.1	135.9	130.3
1/2KSS60	10	6.00	234.5	208.4	187.6	170.5	156.3	144.3	134.0	125.1	117.2	110.3	104.2	98.7	93.8	89.3	85.3	81.6	78.2
	20	8.49	331.8	294.9	265.4	241.3	221.2	204.2	189.6	176.9	165.9	156.1	147.5	139.7	132.7	126.4	120.6	115.4	110.6
	30	10.40	406.4	361.3	325.1	295.6	270.9	250.1	232.2	216.8	203.2	191.3	180.6	171.1	162.6	154.8	147.8	141.4	135.5
	40	12.00	468.9	416.8	375.2	341.1	312.6	288.6	268.0	250.1	234.5	220.7	208.4	197.5	187.6	178.6	170.5	163.1	156.3
1/2KSS70	10	7.00	273.6	243.2	218.8	198.9	182.4	168.3	156.3	145.9	136.8	128.7	121.6	115.2	109.4	104.2	99.5	95.1	91.2
	20	9.90	386.9	343.9	309.5	281.4	257.9	238.1	221.1	206.3	193.4	182.1	171.9	162.9	154.8	147.4	140.7	134.6	129.0
	30	12.10	472.9	420.3	378.3	343.9	315.2	291.0	270.2	252.2	236.4	222.5	210.2	199.1	189.1	180.1	171.9	164.5	157.6
	40	14.00	547.1	486.3	437.7	397.9	364.7	336.7	312.6	291.8	273.6	257.5	243.2	230.4	218.8	208.4	198.9	190.3	182.4
1/2KSS80 3/4KSS80	10	8.00	312.6	277.9	250.1	227.4	208.4	192.4	178.6	166.7	156.3	147.1	138.9	131.6	125.1	119.1	113.7	108.7	104.2
	20	11.30	441.6	392.5	353.3	321.2	294.4	271.7	252.3	235.5	220.8	207.8	196.3	185.9	176.6	168.2	160.6	153.6	147.2
	30	13.90	543.2	482.8	434.6	395.1	362.1	334.3	310.4	289.7	271.6	255.6	241.4	228.7	217.3	206.9	197.5	188.9	181.1
	40	16.00	625.3	555.8	500.2	454.7	416.8	384.8	357.3	333.5	312.6	294.2	277.9	263.3	250.1	238.2	227.4	217.5	208.4
1/2KSS90 3/4KSS90	10	9.00	351.7	312.6	281.4	255.8	234.5	216.4	201.0	187.6	175.9	165.5	156.3	148.1	140.7	134.0	127.9	122.3	117.2
	20	12.70	496.3	441.2	397.0	360.9	330.9	305.4	283.6	264.7	248.2	233.6	220.6	209.0	198.5	189.1	180.5	172.6	165.4
	30	15.60	609.6	541.9	487.7	443.4	406.4	375.2	348.4	325.1	304.8	286.9	270.9	256.7	243.9	232.2	221.7	212.0	203.2
	40	18.00	703.4	625.3	562.7	511.6	468.9	432.9	402.0	375.2	351.7	331.0	312.6	296.2	281.4	268.0	255.8	244.7	234.5
3/4KSS100	10	10.00	390.8	347.4	312.6	284.2	260.5	240.5	223.3	208.4	195.4	183.9	173.7	164.5	156.3	148.9	142.1	135.9	130.3
	20	14.10	551.0	489.8	440.8	400.7	367.3	339.1	314.9	293.9	275.5	259.3	244.9	232.0	220.4	209.9	200.4	191.7	183.7
	30	17.30	676.1	600.9	540.9	491.7	450.7	416.0	386.3	360.6	338.0	318.1	300.5	284.7	270.4	257.5	245.8	235.2	225.4
	40	20.00	781.6	694.7	625.3	568.4	521.1	481.0	446.6	416.8	390.8	367.8	347.4	329.1	312.6	297.7	284.2	271.9	260.5
3/4KSS110	10	11.00	429.9	382.1	343.9	312.6	286.6	264.5	245.6	229.3	214.9	202.3	191.1	181.0	171.9	163.8	156.3	149.5	143.3
	20	15.60	609.6	541.9	487.7	443.4	406.4	375.2	348.4	325.1	304.8	286.9	270.9	256.7	243.9	232.2	221.7	212.0	203.2
	30	19.10	746.4	663.5	597.1	542.8	497.6	459.3	426.5	398.1	373.2	351.3	331.7	314.3	298.6	284.3	271.4	259.6	248.8
	40	22.00	860	764.2	687.8	625.3	573.2	529.1	491.3	458.5	429.9	404.6	382.1	362.0	343.9	327.5	312.6	299.0	286.6
1/2KSS120 3/4KSS120	10	12.00	468.9	416.8	375.2	341.1	312.6	288.6	268.0	250.1	234.5	220.7	208.4	197.5	187.6	178.6	170.5	163.1	156.3
	20	17.00	664.3	590.5	531.5	483.2	442.9	408.8	379.6	354.3	332.2	312.6	295.3	279.7	265.7	253.1	241.6	231.1	221.4
	30	20.80	813	722.5	650.3	591.2	541.9	500.2	464.5	433.5	406.4	382.5	361.3	342.2	325.1	309.7	295.6	282.7	270.9
	40	24.00	938	834	750.3	682.1	625.3	577.2	535.9	500.2	468.9	441.4	416.8	394.9	375.2	357.3	341.1	326.2	312.6
3/4KSS140	10	14.00	547.1	486.3	437.7	397.9	364.7	336.7	312.6	291.8	273.6	257.5	243.2	230.4	218.8	208.4	198.9	190.3	182.4
	20	19.80	773.8	687.8	619.0	562.7	515.8	476.2	442.2	412.7	386.9	364.1	343.9	325.8	309.5	294.8	281.4	269.1	257.9
	30	24.20	946	841	756.6	687.8	630.5	582.0	540.4	504.4	472.9	445.0	420.3	398.2	378.3	360.3	343.9	328.9	315.2
	40	28.00	1094	973	875	796	729.5	673.4	625.3	583.6	547.1	514.9	486.3	460.7	437.7	416.8	397.9	380.6	364.7
3/4KSS160	10	16.00	625.3	555.8	500.2	454.7	416.8	384.8	357.3	333.5	312.6	294.2	277.9	263.3	250.1	238.2	227.4	217.5	208.4
	20	22.60	883	785.1	706.5	642.3	588.8	543.5	504.7	471.0	441.6	415.6	392.5	371.9	353.3	336.5	321.2	307.2	294.4
	30	27.70	1082	962	866	787.3	721.7	666.1	618.6	577.3	541.2	509.4	481.1	455.8	433.0	412.4	393.6	376.5	360.8
	40	32.00	1251	1112	1000	909	834	769.6	714.6	666.9	625.3	588.5	555.8	526.5	500.2				

LARGE K FLOODJET 38" 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
37.5	36.1	34.7	33.5	32.3	31.3	30.3	29.3	28.4	27.6	26.8	26.1	25.3	24.7	24.0	23.4	3.00	10
53.0	51.0	49.1	47.3	45.7	44.2	42.8	41.4	40.2	39.0	37.9	36.8	35.8	34.9	34.0	33.1	4.24	20
65.0	62.5	60.2	58.1	56.1	54.2	52.4	50.8	49.3	47.8	46.4	45.2	43.9	42.8	41.7	40.6	5.20	30
75.0	72.1	69.5	67.0	64.7	62.5	60.5	58.6	56.8	55.2	53.6	52.1	50.7	49.4	48.1	46.9	6.00	40
43.8	42.1	40.5	39.1	37.7	36.5	35.3	34.2	33.2	32.2	31.3	30.4	29.6	28.8	28.1	27.4	3.50	10
61.9	59.5	57.3	55.3	53.4	51.6	49.9	48.4	46.9	45.5	44.2	43.0	41.8	40.7	39.7	38.7	4.95	20
75.8	72.9	70.2	67.7	65.3	63.2	61.1	59.2	57.4	55.7	54.1	52.6	51.2	49.9	48.6	47.4	6.06	30
87.5	84.2	81.1	78.2	75.5	72.9	70.6	68.4	66.3	64.4	62.5	60.8	59.1	57.6	56.1	54.7	7.00	40
50.0	48.1	46.3	44.7	43.1	41.7	40.3	39.1	37.9	36.8	35.7	34.7	33.8	32.9	32.1	31.3	4.00	10
70.8	68.1	65.5	63.2	61.0	59.0	57.1	55.3	53.6	52.0	50.6	49.2	47.8	46.6	45.4	44.2	5.66	20
86.7	83.3	80.2	77.4	74.7	72.2	69.9	67.7	65.7	63.7	61.9	60.2	58.6	57.0	55.6	54.2	6.93	30
100.0	96.2	92.6	89.3	86.2	83.4	80.7	78.2	75.8	73.6	71.5	69.5	67.6	65.8	64.1	62.5	8.00	40
56.3	54.1	52.1	50.2	48.5	46.9	45.4	44.0	42.6	41.4	40.2	39.1	38.0	37.0	36.1	35.2	4.50	10
79.5	76.5	73.6	71.0	68.6	66.3	64.1	62.1	60.3	58.5	56.8	55.2	53.7	52.3	51.0	49.7	6.36	20
97.4	93.7	90.2	87.0	84.0	81.2	78.6	76.1	73.8	71.6	69.6	67.7	65.8	64.1	62.4	60.9	7.79	30
112.5	108.2	104.2	100.5	97.0	93.8	90.8	87.9	85.3	82.8	80.4	78.2	76.0	74.0	72.1	70.3	9.00	40
62.5	60.1	57.9	55.8	53.9	52.1	50.4	48.8	47.4	46.0	44.7	43.4	42.2	41.1	40.1	39.1	5.00	10
88.4	85.0	81.9	78.9	76.2	73.7	71.3	69.1	67.0	65.0	63.2	61.4	59.7	58.2	56.7	55.3	7.07	20
108.3	104.1	100.3	96.7	93.4	90.2	87.3	84.6	82.0	79.6	77.4	75.2	73.2	71.2	69.4	67.7	8.66	30
125.1	120.2	115.8	111.7	107.8	104.2	100.8	97.7	94.7	92.0	89.3	86.8	84.5	82.3	80.2	78.2	10.00	40
75.0	72.1	69.5	67.0	64.7	62.5	60.5	58.6	56.8	55.2	53.6	52.1	50.7	49.4	48.1	46.9	6.00	10
106.2	102.1	98.3	94.8	91.5	88.5	85.6	82.9	80.4	78.1	75.8	73.7	71.7	69.8	68.1	66.4	8.49	20
130.1	125.1	120.4	116.1	112.1	108.4	104.9	101.6	98.5	95.6	92.9	90.3	87.9	85.6	83.4	81.3	10.40	30
150.1	144.3	138.9	134.0	129.4	125.1	121.0	117.2	113.7	110.3	107.2	104.2	101.4	98.7	96.2	93.8	12.00	40
87.5	84.2	81.1	78.2	75.5	72.9	70.6	68.4	66.3	64.4	62.5	60.8	59.1	57.6	56.1	54.7	7.00	10
123.8	119.0	114.6	110.5	106.7	103.2	99.8	96.7	93.8	91.0	88.4	86.0	83.7	81.4	79.4	77.4	9.90	20
151.3	145.5	140.1	135.1	130.4	126.1	122.0	118.2	114.6	111.3	108.1	105.1	102.2	99.5	97.0	94.6	12.10	30
175.1	168.3	162.1	156.3	150.9	145.9	141.2	136.8	132.6	128.7	125.1	121.6	118.3	115.2	112.2	109.4	14.00	40
100.0	96.2	92.6	89.3	86.2	83.4	80.7	78.2	75.8	73.6	71.5	69.5	67.6	65.8	64.1	62.5	8.00	10
141.3	135.9	130.8	126.2	121.8	117.8	114.0	110.4	107.1	103.9	100.9	98.1	95.5	93.0	90.6	88.3	11.30	20
173.8	167.1	160.9	155.2	149.8	144.9	140.2	135.8	131.7	127.8	124.2	120.7	117.4	114.4	111.4	108.6	13.90	30
200.1	192.4	185.3	178.6	172.5	166.7	161.4	156.3	151.6	147.1	142.9	138.9	135.2	131.6	128.3	125.1	16.00	40
112.5	108.2	104.2	100.5	97.0	93.8	90.8	87.9	85.3	82.8	80.4	78.2	76.0	74.0	72.1	70.3	9.00	10
158.8	152.7	147.1	141.8	136.9	132.3	128.1	124.1	120.3	116.8	113.4	110.3	107.3	104.5	101.8	99.3	12.70	20
195.1	187.6	180.6	174.2	168.2	162.6	157.3	152.4	147.8	143.4	139.3	135.5	131.8	128.3	125.1	121.9	15.60	30
225.1	216.4	208.4	201.0	194.0	187.6	181.5	175.9	170.5	165.5	160.8	156.3	152.1	148.1	144.3	140.7	18.00	40
125.1	120.2	115.8	111.7	107.8	104.2	100.8	97.7	94.7	92.0	89.3	86.8	84.5	82.3	80.2	78.2	10.00	10
176.3	169.5	163.3	157.4	152.0	146.9	142.2	137.8	133.6	129.7	125.9	122.4	119.1	116.0	113.0	110.2	14.10	20
216.3	208.0	200.3	193.2	186.5	180.3	174.5	169.0	163.9	159.1	154.5	150.2	146.2	142.3	138.7	135.2	17.30	30
250.1	240.5	231.6	223.3	215.6	208.4	201.7	195.4	189.5	183.9	178.6	173.7	169.0	164.5	160.3	156.3	20.00	40
137.6	132.3	127.4	122.8	118.6	114.6	110.9	107.5	104.2	101.1	98.3	95.5	92.9	90.5	88.2	86.0	11.00	10
195.1	187.6	180.6	174.2	168.2	162.6	157.3	152.4	147.8	143.4	139.3	135.5	131.8	128.3	125.1	121.9	15.60	20
238.9	229.7	221.2	213.3	205.9	199.0	192.6	186.6	180.9	175.6	170.6	165.9	161.4	157.1	153.1	149.3	19.10	30
275.1	264.5	254.7	245.6	237.2	229.3	221.9	214.9	208.4	202.3	196.5	191.1	185.9	181.0	176.4	171.9	22.00	40
150.1	144.3	138.9	134.0	129.4	125.1	121.0	117.2	113.7	110.3	107.2	104.2	101.4	98.7	96.2	93.8	12.00	10
212.6	204.4	196.8	189.8	183.3	177.2	171.4	166.1	161.1	156.3	151.8	147.6	143.6	139.9	136.3	132.9	17.00	20
260.1	250.1	240.8	232.2	224.2	216.8	209.8	203.2	197.1	191.3	185.8	180.6	175.7	171.1	166.7	162.6	20.80	30
300.1	288.6	277.9	268.0	258.7	250.1	242.0	234.5	227.4	220.7	214.4	208.4	202.8	197.5	192.4	187.6	24.00	40
175.1	168.3	162.1	156.3	150.9	145.9	141.2	136.8	132.6	128.7	125.1	121.6	118.3	115.2	112.2	109.4	14.00	10
247.6	238.1	229.3	221.1	213.5	206.3	199.7	193.4	187.6	182.1	176.9	171.9	167.3	162.9	158.7	154.8	19.80	20
302.6	291.0	280.2	270.2	260.9	252.2	244.1	236.4	229.3	222.5	216.2	210.2	204.5	199.1	194.0	189.1	24.20	30
350.1	336.7	324.2	312.6	301.9	291.8	282.4	273.6	265.3	257.5	250.1	243.2	236.6	230.4	224.5	218.8	28.00	40
200.1	192.4	185.3	178.6	172.5	166.7	161.4	156.3	151.6	147.1	142.9	138.9	135.2	131.6	128.3	125.1	16.00	10
282.6	271.7	261.7	252.3	243.6	235.5	227.9	220.8	214.1	207.8	201.9	196.3	191.0	185.9	181.2	176.6	22.60	20
346.4	333.1	320.7	309.3	298.6	288.7	279.4	270.6	262.4	254.7	247.4	240.6	234.1	227.9	222.0	216.5	27.70	30
400.2	384.8	370.5	357.3	345.0	333.5	322.7	312.6	303.2	294.2	285.8	277.9	270.4	263.3	256.5	250.1	32.00	40
225.1	216.4	208.4	201.0	194.0	187.6	181.5	175.9	170.5	165.5	160.8	156.3	152.1	148.1	144.3	140.7	18.00	10
318.9	306.6	295.3	284.7	274.9	265.7	257.2	249.1	241.6	234.5	227.8	221.4	215.5	209.8	204.4	199.3	25.50	20
390.2	375.2	361.3	348.4	336.3	325.1	314.6	304.8	295.6	286.9	278.7	270.9	263.6	256.7	250.1	243.9	31.20	30
450.2	432.9	416.8	402.0	388.1	375.2	363.1	351.7	341.1	331.0	321.6	312.6	304.2	296.2	288.6	281.4	36.00	40
262.6	252.5	243.2	234.5	226.4	218.8	211.8	205.2	198.9	193.1	187.6	182.4	177.4	172.8	168.3	164.1	21.00	10
371.4	357.1	343.9	331.6	320.2	309.5	299.5	290.2	281.4	273.1	265.3	257.9	251.0	244.3	238.1	232.1	29.70	20
455.2	437.7	421.5	406.4	392.4	379.3	367.1	355.6	344.8	334.7	325.1	316.1	307.6	299.5	291.8	284.5	36.40	30
525.2	505.0	486.3	468.9	452.8	437.7	423.6	410.3	397.9	386.2	375.2	364.7	354.9	345.5	336.7	328.3	42.00	40