

LARGE K FLOODJET 40" 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	111.4	99.0	89.1	81.0	74.3	68.5	63.6	59.4	55.7	52.4	49.5	46.9	44.6	42.4	40.5	38.7	37.1
	20	4.24	157.4	139.9	125.9	114.5	104.9	96.9	89.9	84.0	78.7	74.1	70.0	66.3	63.0	60.0	57.2	54.8	52.5
	30	5.20	193.1	171.6	154.4	140.4	128.7	118.8	110.3	103.0	96.5	90.8	85.8	81.3	77.2	73.5	70.2	67.1	64.4
	40	6.00	222.8	198.0	178.2	162.0	148.5	137.1	127.3	118.8	111.4	104.8	99.0	93.8	89.1	84.9	81.0	77.5	74.3
3/8KSS35	10	3.50	129.9	115.5	104.0	94.5	86.6	80.0	74.3	69.3	65.0	61.1	57.8	54.7	52.0	49.5	47.3	45.2	43.3
	20	4.95	183.8	163.4	147.0	133.7	122.5	113.1	105.0	98.0	91.9	86.5	81.7	77.4	73.5	70.0	66.8	63.9	61.3
	30	6.06	225.0	200.0	180.0	163.6	150.0	138.4	128.6	120.0	112.5	105.9	100.0	94.7	90.0	85.7	81.8	78.3	75.0
	40	7.00	259.9	231.0	207.9	189.0	173.3	159.9	148.5	138.6	129.9	122.3	115.5	109.4	104.0	99.0	94.5	90.4	86.6
3/8KSS40 1/2KSS40	10	4.00	148.5	132.0	118.8	108.0	99.0	91.4	84.9	79.2	74.3	69.9	66.0	62.5	59.4	56.6	54.0	51.7	49.5
	20	5.66	210.1	186.8	168.1	152.8	140.1	129.3	120.1	112.1	105.1	98.9	93.4	88.5	84.1	80.0	76.4	73.1	70.0
	30	6.93	257.3	228.7	205.8	187.1	171.5	158.3	147.0	137.2	128.6	121.1	114.3	108.3	102.9	98.0	93.6	89.5	85.8
	40	8.00	297.0	264.0	237.6	216.0	198.0	182.8	169.7	158.4	148.5	139.8	132.0	125.1	118.8	113.1	108.0	103.3	99.0
3/8KSS45	10	4.50	167.1	148.5	133.7	121.5	111.4	102.8	95.5	89.1	83.5	78.6	74.3	70.3	66.8	63.6	60.8	58.1	55.7
	20	6.36	236.1	209.9	188.9	171.7	157.4	145.3	134.9	125.9	118.1	111.1	104.9	99.4	94.4	89.9	85.9	82.1	78.7
	30	7.79	289.2	257.1	231.4	210.3	192.8	178.0	165.3	154.2	144.6	136.1	128.5	121.8	115.7	110.2	105.2	100.6	96.4
	40	9.00	334.1	297.0	267.3	243.0	222.8	205.6	190.9	178.2	167.1	157.2	148.5	140.7	133.7	127.3	121.5	116.2	111.4
1/2KSS50	10	5.00	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	7.07	262.5	233.3	210.0	190.9	175.0	161.5	150.0	140.0	131.2	123.5	116.7	110.5	105.0	100.0	95.4	91.3	87.5
	30	8.66	321.5	285.8	257.2	233.8	214.3	197.8	183.7	171.5	160.8	151.3	142.9	135.4	128.6	122.5	116.9	111.8	107.2
	40	10.00	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
1/2KSS60	10	6.00	222.8	198.0	178.2	162.0	148.5	137.1	127.3	118.8	111.4	104.8	99.0	93.8	89.1	84.9	81.0	77.5	74.3
	20	8.49	315.2	280.2	252.2	229.2	210.1	194.0	180.1	168.1	157.6	148.3	140.1	132.7	126.1	120.1	114.6	109.6	105.1
	30	10.40	386.1	343.2	308.9	280.8	257.4	237.6	220.6	205.9	193.1	181.7	171.6	162.6	154.4	147.1	140.4	134.3	128.7
	40	12.00	445.5	396.0	356.4	324.0	297.0	274.2	254.6	237.6	222.8	209.6	198.0	187.6	178.2	169.7	162.0	155.0	148.5
1/2KSS70	10	7.00	259.9	231.0	207.9	189.0	173.3	159.9	148.5	138.6	129.9	122.3	115.5	109.4	104.0	99.0	94.5	90.4	86.6
	20	9.90	367.5	326.7	294.0	267.3	245.0	226.2	210.0	196.0	183.8	173.0	163.4	154.8	147.0	140.0	133.7	127.8	122.5
	30	12.10	449.2	399.3	359.4	326.7	299.5	276.4	256.7	239.6	224.6	211.4	199.7	189.1	179.7	171.1	163.4	156.2	149.7
	40	14.00	519.8	462.0	415.8	378.0	346.5	319.8	297.0	277.2	259.9	244.6	231.0	218.8	207.9	198.0	189.0	180.8	173.3
1/2KSS80 3/4KSS80	10	8.00	297.0	264.0	237.6	216.0	198.0	182.8	169.7	158.4	148.5	139.8	132.0	125.1	118.8	113.1	108.0	103.3	99.0
	20	11.30	419.5	372.9	335.6	305.1	279.7	258.2	239.7	223.7	209.8	197.4	186.5	176.6	167.8	159.8	152.6	145.9	139.8
	30	13.90	516.0	458.7	412.8	375.3	344.0	317.6	294.9	275.2	258.0	242.8	229.4	217.3	206.4	196.6	187.7	179.5	172.0
	40	16.00	594.0	528.0	475.2	432.0	396.0	365.5	339.4	316.8	297.0	279.5	264.0	250.1	237.6	226.3	216.0	206.6	198.0
1/2KSS90 3/4KSS90	10	9.00	334.1	297.0	267.3	243.0	222.8	205.6	190.9	178.2	167.1	157.2	148.5	140.7	133.7	127.3	121.5	116.2	111.4
	20	12.70	471.5	419.1	377.2	342.9	314.3	290.1	269.4	251.5	235.7	221.9	209.6	198.5	188.6	179.6	171.5	164.0	157.2
	30	15.60	579.2	514.8	463.3	421.2	386.1	356.4	330.9	308.9	289.6	272.5	257.4	243.9	231.7	220.6	210.6	201.4	193.1
	40	18.00	668.3	594.0	534.6	486.0	445.5	411.2	381.9	356.4	334.1	314.5	297.0	281.4	267.3	254.6	243.0	232.4	222.8
3/4KSS100	10	10.00	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	14.10	523.5	465.3	418.8	380.7	349.0	322.1	299.1	279.2	261.7	246.3	232.7	220.4	209.4	199.4	190.4	182.1	174.5
	30	17.30	642.3	570.9	513.8	467.1	428.2	395.2	367.0	342.5	321.1	302.2	285.5	270.4	256.9	244.7	233.6	223.4	214.1
	40	20.00	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
3/4KSS110	10	11.00	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
	20	15.60	579.2	514.8	463.3	421.2	386.1	356.4	330.9	308.9	289.6	272.5	257.4	243.9	231.7	220.6	210.6	201.4	193.1
	30	19.10	709.1	630.3	567.3	515.7	472.7	436.4	405.2	378.2	354.5	333.7	315.2	298.6	283.6	270.1	257.9	246.6	236.4
	40	22.00	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
1/2KSS120 3/4KSS120	10	12.00	445.5	396.0	356.4	324.0	297.0	274.2	254.6	237.6	222.8	209.6	198.0	187.6	178.2	169.7	162.0	155.0	148.5
	20	17.00	631.1	561.0	504.9	459.0	420.8	388.4	360.6	336.6	315.6	297.0	280.5	265.7	252.5	240.4	229.5	219.5	210.4
	30	20.80	772.2	686.4	617.8	561.6	514.8	475.2	441.3	411.8	386.1	363.4	343.2	325.1	308.9	294.2	280.8	268.6	257.4
	40	24.00	891.0	792.0	712.8	648.0	594.0	548.3	509.1	475.2	445.5	419.3	396.0	375.2	356.4	339.4	324.0	309.9	297.0
3/4KSS140	10	14.00	519.8	462.0	415.8	378.0	346.5	319.8	297.0	277.2	259.9	244.6	231.0	218.8	207.9	198.0	189.0	180.8	173.3
	20	19.80	735.1	653.4	588.1	534.6	490.1	452.4	420.0	392.0	367.5	345.9	326.7	309.5	294.0	280.0	267.3	255.7	245.0
	30	24.20	898.4	798.6	718.7	653.4	599.0	553.4	513.4	479.2	449.2	422.8	399.3	378.3	359.4	342.3	326.7	312.5	299.5
	40	28.00	1040	924.0	831.6	756.0	693.0	639.7	594.0	554.4	519.8	489.2	462.0	437.7	415.8	396.0	378.0	361.6	346.5
3/4KSS160	10	16.00	594.0	528.0	475.2	432.0	396.0	365.5	339.4	316.8	297.0	279.5	264.0	250.1	237.6	226.3	216.0	206.6	198.0
	20	22.60	839.0	745.8	671.2	610.2	559.4	516.3	479.4	447.5	419.5	394.8	372.9	353.3	335.6	319.6	305.1	291.8	279.7
	30	27.70	1028	914.1	822.7	747.9	685.6	632.8	587.6	548.5	514.2	483.9	457.1	433.0	411.3	391.8	374.0	357.7	342.8
	40	32.00	1188	1056	950.4	864.0	792.0	731.1	678.9	633.6	594.0	559.1	528.0	500.2	475.2	452.6	432.0	413.2	396.0
3/4KSS180	10	18.00	668.3	594.0	534.6	486.0	445.5	411.2	381.9	356.4	334.1	314.5	297.0	281.4	267.3	254.6	243.0	232.4	222.8
	20	25.50	946.7	841.5	757.4	688.5	631.1	582.6	541.0	504.9	473.3	445.5	420.8	398.6	378.7	360.6	344.3	329.3	315.6
	30	31.20	1158	1030	926.6	842.4	772.2	712.8	661.9	617.8	579.2	545.1	514.8	487.7	463.3	441.3	421.2	402.9	386.1
	40	36.00	1337	1188	1069	972.0	891.0	822.5	763.7	712.8	668.3	628.9	594.0	562.7	534.6	509.1	486.0	464.9	445.5
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LARGE K FLOODJET 40" 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
35.6	34.3	33.0	31.8	30.7	29.7	28.7	27.8	27.0	26.2	25.5	24.8	24.1	23.4	22.8	22.3	3.00	10
50.4	48.4	46.6	45.0	43.4	42.0	40.6	39.4	38.2	37.0	36.0	35.0	34.0	33.1	32.3	31.5	4.24	20
61.8	59.4	57.2	55.2	53.3	51.5	49.8	48.3	46.8	45.4	44.1	42.9	41.7	40.6	39.6	38.6	5.20	30
71.3	68.5	66.0	63.6	61.4	59.4	57.5	55.7	54.0	52.4	50.9	49.5	48.2	46.9	45.7	44.6	6.00	40
41.6	40.0	38.5	37.1	35.8	34.7	33.5	32.5	31.5	30.6	29.7	28.9	28.1	27.4	26.7	26.0	3.50	10
58.8	56.5	54.5	52.5	50.7	49.0	47.4	45.9	44.6	43.2	42.0	40.8	39.7	38.7	37.7	36.8	4.95	20
72.0	69.2	66.7	64.3	62.1	60.0	58.1	56.2	54.5	52.9	51.4	50.0	48.6	47.4	46.1	45.0	6.06	30
83.2	80.0	77.0	74.3	71.7	69.3	67.1	65.0	63.0	61.1	59.4	57.8	56.2	54.7	53.3	52.0	7.00	40
47.5	45.7	44.0	42.4	41.0	39.6	38.3	37.1	36.0	34.9	33.9	33.0	32.1	31.3	30.5	29.7	4.00	10
67.2	64.7	62.3	60.0	58.0	56.0	54.2	52.5	50.9	49.4	48.0	46.7	45.4	44.2	43.1	42.0	5.66	20
82.3	79.2	76.2	73.5	71.0	68.6	66.4	64.3	62.4	60.5	58.8	57.2	55.6	54.2	52.8	51.5	6.93	30
95.0	91.4	88.0	84.9	81.9	79.2	76.6	74.3	72.0	69.9	67.9	66.0	64.2	62.5	60.9	59.4	8.00	40
53.5	51.4	49.5	47.7	46.1	44.6	43.1	41.8	40.5	39.3	38.2	37.1	36.1	35.2	34.3	33.4	4.50	10
75.6	72.7	70.0	67.5	65.1	63.0	60.9	59.0	57.2	55.6	54.0	52.5	51.1	49.7	48.4	47.2	6.36	20
92.5	89.0	85.7	82.6	79.8	77.1	74.6	72.3	70.1	68.0	66.1	64.3	62.5	60.9	59.3	57.8	7.79	30
106.9	102.8	99.0	95.5	92.2	89.1	86.2	83.5	81.0	78.6	76.4	74.3	72.2	70.3	68.5	66.8	9.00	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	5.00	10
84.0	80.8	77.8	75.0	72.4	70.0	67.7	65.6	63.6	61.8	60.0	58.3	56.8	55.3	53.8	52.5	7.07	20
102.9	98.9	95.3	91.9	88.7	85.7	83.0	80.4	77.9	75.6	73.5	71.4	69.5	67.7	65.9	64.3	8.66	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	10.00	40
71.3	68.5	66.0	63.6	61.4	59.4	57.5	55.7	54.0	52.4	50.9	49.5	48.2	46.9	45.7	44.6	6.00	10
100.9	97.0	93.4	90.1	86.9	84.1	81.3	78.8	76.4	74.2	72.0	70.0	68.1	66.4	64.7	63.0	8.49	20
123.6	118.8	114.4	110.3	106.5	103.0	99.6	96.5	93.6	90.8	88.3	85.8	83.5	81.3	79.2	77.2	10.40	30
142.6	137.1	132.0	127.3	122.9	118.8	115.0	111.4	108.0	104.8	101.8	99.0	96.3	93.8	91.4	89.1	12.00	40
83.2	80.0	77.0	74.3	71.7	69.3	67.1	65.0	63.0	61.1	59.4	57.8	56.2	54.7	53.3	52.0	7.00	10
117.6	113.1	108.9	105.0	101.4	98.0	94.8	91.9	89.1	86.5	84.0	81.7	79.5	77.4	75.4	73.5	9.90	20
143.7	138.2	133.1	128.3	123.9	119.8	115.9	112.3	108.9	105.7	102.7	99.8	97.1	94.6	92.1	89.8	12.10	30
166.3	159.9	154.0	148.5	143.4	138.6	134.1	129.9	126.0	122.3	118.8	115.5	112.4	109.4	106.6	104.0	14.00	40
95.0	91.4	88.0	84.9	81.9	79.2	76.6	74.3	72.0	69.9	67.9	66.0	64.2	62.5	60.9	59.4	8.00	10
134.2	129.1	124.3	119.9	115.7	111.9	108.3	104.9	101.7	98.7	95.9	93.2	90.7	88.3	86.1	83.9	11.30	20
165.1	158.8	152.9	147.4	142.4	137.6	133.2	129.0	125.1	121.4	118.0	114.7	111.6	108.6	105.9	103.2	13.90	30
190.1	182.8	176.0	169.7	163.9	158.4	153.3	148.5	144.0	139.8	135.8	132.0	128.4	125.1	121.8	118.8	16.00	40
106.9	102.8	99.0	95.5	92.2	89.1	86.2	83.5	81.0	78.6	76.4	74.3	72.2	70.3	68.5	66.8	9.00	10
150.9	145.1	139.7	134.7	130.1	125.7	121.7	117.9	114.3	110.9	107.8	104.8	101.9	99.3	96.7	94.3	12.70	20
185.3	178.2	171.6	165.5	159.8	154.4	149.5	144.8	140.4	136.3	132.4	128.7	125.2	121.9	118.8	115.8	15.60	30
213.8	205.6	198.0	190.9	184.3	178.2	172.5	167.1	162.0	157.2	152.7	148.5	144.5	140.7	137.1	133.7	18.00	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	10.00	10
167.5	161.1	155.1	149.6	144.4	139.6	135.1	130.9	126.9	123.2	119.6	116.3	113.2	110.2	107.4	104.7	14.10	20
205.5	197.6	190.3	183.5	177.2	171.3	165.7	160.6	155.7	151.1	146.8	142.7	138.9	135.2	131.7	128.5	17.30	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	20.00	40
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	11.00	10
185.3	178.2	171.6	165.5	159.8	154.4	149.5	144.8	140.4	136.3	132.4	128.7	125.2	121.9	118.8	115.8	15.60	20
226.9	218.2	210.1	202.6	195.6	189.1	183.0	177.3	171.9	166.8	162.1	157.6	153.3	149.3	145.5	141.8	19.10	30
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	22.00	40
142.6	137.1	132.0	127.3	122.9	118.8	115.0	111.4	108.0	104.8	101.8	99.0	96.3	93.8	91.4	89.1	12.00	10
202.0	194.2	187.0	180.3	174.1	168.3	162.9	157.8	153.0	148.5	144.3	140.3	136.5	132.9	129.5	126.2	17.00	20
247.1	237.6	228.8	220.6	213.0	205.9	199.3	193.1	187.2	181.7	176.5	171.6	167.0	162.6	158.4	154.4	20.80	30
285.1	274.2	264.0	254.6	245.8	237.6	229.9	222.8	216.0	209.6	203.7	198.0	192.6	187.6	182.8	178.2	24.00	40
166.3	159.9	154.0	148.5	143.4	138.6	134.1	129.9	126.0	122.3	118.8	115.5	112.4	109.4	106.6	104.0	14.00	10
235.2	226.2	217.8	210.0	202.8	196.0	189.7	183.8	178.2	173.0	168.0	163.4	158.9	154.8	150.8	147.0	19.80	20
287.5	276.4	266.2	256.7	247.8	239.6	231.9	224.6	217.8	211.4	205.4	199.7	194.3	189.1	184.3	179.7	24.20	30
332.6	319.8	308.0	297.0	286.8	277.2	268.3	259.9	252.0	244.6	237.6	231.0	224.8	218.8	213.2	207.9	28.00	40
190.1	182.8	176.0	169.7	163.9	158.4	153.3	148.5	144.0	139.8	135.8	132.0	128.4	125.1	121.8	118.8	16.00	10
268.5	258.2	248.6	239.7	231.5	223.7	216.5	209.8	203.4	197.4	191.8	186.5	181.4	176.6	172.1	167.8	22.60	20
329.1	316.4	304.7	293.8	283.7	274.2	265.4	257.1	249.3	242.0	235.1	228.5	222.3	216.5	210.9	205.7	27.70	30
380.2	365.5	352.0	339.4	327.7	316.8	306.6	297.0	288.0	279.5	271.5	264.0	256.9	250.1	243.7	237.6	32.00	40
213.8	205.6	198.0	190.9	184.3	178.2	172.5	167.1	162.0	157.2	152.7	148.5	144.5	140.7	137.1	133.7	18.00	10
302.9	291.3	280.5	270.5	261.2	252.5	244.3	236.7	229.5	222.8	216.4	210.4	204.7	199.3	194.2	189.3	25.50	20
370.7	356.4	343.2	330.9	319.5	308.9	298.9	289.6	280.8	272.5	264.8	257.4	250.4	243.9	237.6	231.7	31.20	30
427.7	411.2	396.0	381.9	368.7	356.4	344.9	334.1	324.0	314.5	305.5	297.0	289.0	281.4	274.2	267.3	36.00	40
249.5	239.9	231.0	222.8	215.1	207.9	201.2	194.9	189.0	183.4	178.2	173.3	168.6	164.1	159.9	155.9	21.00	10
352.8	339.3	326.7	315.0	304.2	294.0	284.5	275.7	267.3	259.4	252.0	245.0	238.4	232.1	226.2	220.5	29.70	20
432.4	415.8	400.4	386.1	372.8	360.4	348.7	337.8	327.6	318.0	308.9	300.3	292.2	284.5	277.2	270.3	36.40	30
499.0	479.8	462.0	445.5	430.1	415.8	402.4	389.8	378.0	366.9	356.4	346.5	337.1	328.3	319.8	311.9	42.00	40