

LARGE K FLOODJET 30" 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	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	4.24	209.9	186.6	167.9	152.6	139.9	129.2	119.9	111.9	104.9	98.8	93.3	88.4	84.0	80.0	76.3	73.0	70.0
	30	5.20	257.4	228.8	205.9	187.2	171.6	158.4	147.1	137.3	128.7	121.1	114.4	108.4	103.0	98.1	93.6	89.5	85.8
	40	6.00	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
3/8KSS35	10	3.50	173.3	154.0	138.6	126.0	115.5	106.6	99.0	92.4	86.6	81.5	77.0	72.9	69.3	66.0	63.0	60.3	57.8
	20	4.95	245.0	217.8	196.0	178.2	163.4	150.8	140.0	130.7	122.5	115.3	108.9	103.2	98.0	93.3	89.1	85.2	81.7
	30	6.06	300.0	266.6	240.0	218.2	200.0	184.6	171.4	160.0	150.0	141.2	133.3	126.3	120.0	114.3	109.1	104.3	100.0
	40	7.00	346.5	308.0	277.2	252.0	231.0	213.2	198.0	184.8	173.3	163.1	154.0	145.9	138.6	132.0	126.0	120.5	115.5
3/8KSS40 1/2KSS40	10	4.00	198.0	176.0	158.4	144.0	132.0	121.8	113.1	105.6	99.0	93.2	88.0	83.4	79.2	75.4	72.0	68.9	66.0
	20	5.66	280.2	249.0	224.1	203.8	186.8	172.4	160.1	149.4	140.1	131.8	124.5	118.0	112.1	106.7	101.9	97.5	93.4
	30	6.93	343.0	304.9	274.4	249.5	228.7	211.1	196.0	183.0	171.5	161.4	152.5	144.4	137.2	130.7	124.7	119.3	114.3
	40	8.00	396.0	352.0	316.8	288.0	264.0	243.7	226.3	211.2	198.0	186.4	176.0	166.7	158.4	150.9	144.0	137.7	132.0
3/8KSS45	10	4.50	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	6.36	314.8	279.8	251.9	229.0	209.9	193.7	179.9	167.9	157.4	148.2	139.9	132.6	125.9	119.9	114.5	109.5	104.9
	30	7.79	385.6	342.8	308.5	280.4	257.1	237.3	220.3	205.7	192.8	181.5	171.4	162.4	154.2	146.9	140.2	134.1	128.5
	40	9.00	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
1/2KSS50	10	5.00	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	7.07	350.0	311.1	280.0	254.5	233.3	215.4	200.0	186.6	175.0	164.7	155.5	147.4	140.0	133.3	127.3	121.7	116.7
	30	8.66	428.7	381.0	342.9	311.8	285.8	263.8	245.0	228.6	214.3	201.7	190.5	180.5	171.5	163.3	155.9	149.1	142.9
	40	10.00	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
1/2KSS60	10	6.00	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	8.49	420.3	373.6	336.2	305.6	280.2	258.6	240.1	224.1	210.1	197.8	186.8	176.9	168.1	160.1	152.8	146.2	140.1
	30	10.40	514.8	457.6	411.8	374.4	343.2	316.8	294.2	274.6	257.4	242.3	228.8	216.8	205.9	196.1	187.2	179.1	171.6
	40	12.00	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
1/2KSS70	10	7.00	346.5	308.0	277.2	252.0	231.0	213.2	198.0	184.8	173.3	163.1	154.0	145.9	138.6	132.0	126.0	120.5	115.5
	20	9.90	490.1	435.6	392.0	356.4	326.7	301.6	280.0	261.4	245.0	230.6	217.8	206.3	196.0	186.7	178.2	170.5	163.4
	30	12.10	599.0	532.4	479.2	435.6	399.3	368.6	342.3	319.4	299.5	281.9	266.2	252.2	239.6	228.2	217.8	208.3	199.7
	40	14.00	693.0	616.0	554.4	504.0	462.0	426.5	396.0	369.6	346.5	326.1	308.0	291.8	277.2	264.0	252.0	241.0	231.0
1/2KSS80 3/4KSS80	10	8.00	396.0	352.0	316.8	288.0	264.0	243.7	226.3	211.2	198.0	186.4	176.0	166.7	158.4	150.9	144.0	137.7	132.0
	20	11.30	559.4	497.2	447.5	406.8	372.9	344.2	319.6	298.3	279.7	263.2	248.6	235.5	223.7	213.1	203.4	194.6	186.5
	30	13.90	688.1	611.6	550.4	500.4	458.7	423.4	393.2	367.0	344.0	323.8	305.8	289.7	275.2	262.1	250.2	239.3	229.4
	40	16.00	792.0	704.0	633.6	576.0	528.0	487.4	452.6	422.4	396.0	372.7	352.0	333.5	316.8	301.7	288.0	275.5	264.0
1/2KSS90 3/4KSS90	10	9.00	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	12.70	628.7	558.8	502.9	457.2	419.1	386.9	359.2	335.3	314.3	295.8	279.4	264.7	251.5	239.5	228.6	218.7	209.6
	30	15.60	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	18.00	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
3/4KSS100	10	10.00	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	14.10	698.0	620.4	558.4	507.6	465.3	429.5	398.8	372.2	349.0	328.4	310.2	293.9	279.2	265.9	253.8	242.8	232.7
	30	17.30	856.4	761.2	685.1	622.8	570.9	527.0	489.3	456.7	428.2	403.0	380.6	360.6	342.5	326.2	311.4	297.9	285.5
	40	20.00	990.0	880.0	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
3/4KSS110	10	11.00	544.5	484.0	435.6	396.0	363.0	335.1	311.1	290.4	272.3	256.2	242.0	229.3	217.8	207.4	198.0	189.4	181.5
	20	15.60	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
	30	19.10	945.5	840.4	756.4	687.6	630.3	581.8	540.3	504.2	472.7	444.9	420.2	398.1	378.2	360.2	343.8	328.9	315.2
	40	22.00	1089	968.0	871.2	792.0	726.0	670.2	622.3	580.8	544.5	512.5	484.0	458.5	435.6	414.9	396.0	378.8	363.0
1/2KSS120 3/4KSS120	10	12.00	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	17.00	841.5	748.0	673.2	612.0	561.0	517.8	480.9	448.8	420.8	396.0	374.0	354.3	336.6	320.6	306.0	292.7	280.5
	30	20.80	1030	915.2	823.7	748.8	686.4	633.6	588.3	549.1	514.8	484.5	457.6	433.5	411.8	392.2	374.4	358.1	343.2
	40	24.00	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
3/4KSS140	10	14.00	693.0	616.0	554.4	504.0	462.0	426.5	396.0	369.6	346.5	326.1	308.0	291.8	277.2	264.0	252.0	241.0	231.0
	20	19.80	980.1	871.2	784.1	712.8	653.4	603.1	560.1	522.7	490.1	461.2	435.6	412.7	392.0	373.4	356.4	340.9	326.7
	30	24.20	1198	1065	958.3	871.2	798.6	737.2	684.5	638.9	599.0	563.7	532.4	504.4	479.2	456.3	435.6	416.7	399.3
	40	28.00	1386	1232	1109	1008	924.0	852.9	792.0	739.2	693.0	652.2	616.0	583.6	554.4	528.0	504.0	482.1	462.0
3/4KSS160	10	16.00	792.0	704.0	633.6	576.0	528.0	487.4	452.6	422.4	396.0	372.7	352.0	333.5	316.8	301.7	288.0	275.5	264.0
	20	22.60	1119	994.4	895.0	813.6	745.8	688.4	639.3	596.6	559.4	526.4	497.2	471.0	447.5	426.2	406.8	389.1	372.9
	30	27.70	1371	1219	1097	997.2	914.1	843.8	783.5	731.3	685.6	645.2	609.4	577.3	548.5	522.3	498.6	476.9	457.1
	40	32.00	1584	1408	1267	1152	1056	974.8	905.1	844.8	792.0	745.4	704.0	666.9	633.6	603.4	576.0	551.0	528.0
3/4KSS180	10	18.00	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
	20	25.50	1262	1122	1010	918.0	841.5	776.8	721.3	673.2	631.1	594.0	561.0	531.5	504.9	480.9	459.0	439.0	420.8
	30	31.20	1544	1373	1236	1123	1030	950.4	882.5	823.7	772.2	726.8	686.4	650.3	617.8	588.3	561.6	537.2	514.8
	40	36.00	1782	1584	1426	1296	1188	1097	1018	950.4	891.0	838.6	792.0	750.3	712				

LARGE K FLOODJET 30" 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
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	3.00	10
67.2	64.6	62.2	60.0	57.9	56.0	54.2	52.5	50.9	49.4	48.0	46.6	45.4	44.2	43.1	42.0	4.24	20
82.4	79.2	76.3	73.5	71.0	68.6	66.4	64.4	62.4	60.6	58.8	57.2	55.7	54.2	52.8	51.5	5.20	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	6.00	40
55.4	53.3	51.3	49.5	47.8	46.2	44.7	43.3	42.0	40.8	39.6	38.5	37.5	36.5	35.5	34.7	3.50	10
78.4	75.4	72.6	70.0	67.6	65.3	63.2	61.3	59.4	57.7	56.0	54.5	53.0	51.6	50.3	49.0	4.95	20
96.0	92.3	88.9	85.7	82.8	80.0	77.4	75.0	72.7	70.6	68.6	66.7	64.9	63.2	61.5	60.0	6.06	30
110.9	106.6	102.7	99.0	95.6	92.4	89.4	86.6	84.0	81.5	79.2	77.0	74.9	72.9	71.1	69.3	7.00	40
63.4	60.9	58.7	56.6	54.6	52.8	51.1	49.5	48.0	46.6	45.3	44.0	42.8	41.7	40.6	39.6	4.00	10
89.7	86.2	83.0	80.0	77.3	74.7	72.3	70.0	67.9	65.9	64.0	62.3	60.6	59.0	57.5	56.0	5.66	20
109.8	105.5	101.6	98.0	94.6	91.5	88.5	85.8	83.2	80.7	78.4	76.2	74.2	72.2	70.4	68.6	6.93	30
126.7	121.8	117.3	113.1	109.2	105.6	102.2	99.0	96.0	93.2	90.5	88.0	85.6	83.4	81.2	79.2	8.00	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	4.50	10
100.7	96.9	93.3	89.9	86.8	84.0	81.2	78.7	76.3	74.1	72.0	70.0	68.1	66.3	64.6	63.0	6.36	20
123.4	118.6	114.3	110.2	106.4	102.8	99.5	96.4	93.5	90.7	88.1	85.7	83.4	81.2	79.1	77.1	7.79	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	9.00	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	5.00	10
112.0	107.7	103.7	100.0	96.5	93.3	90.3	87.5	84.8	82.3	80.0	77.8	75.7	73.7	71.8	70.0	7.07	20
137.2	131.9	127.0	122.5	118.3	114.3	110.6	107.2	103.9	100.9	98.0	95.3	92.7	90.2	87.9	85.7	8.66	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	10.00	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	6.00	10
134.5	129.3	124.5	120.1	115.9	112.1	108.5	105.1	101.9	98.9	96.1	93.4	90.9	88.5	86.2	84.1	8.49	20
164.7	158.4	152.5	147.1	142.0	137.3	132.9	128.7	124.8	121.1	117.7	114.4	111.3	108.4	105.6	103.0	10.40	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	12.00	40
110.9	106.6	102.7	99.0	95.6	92.4	89.4	86.6	84.0	81.5	79.2	77.0	74.9	72.9	71.1	69.3	7.00	10
156.8	150.8	145.2	140.0	135.2	130.7	126.5	122.5	118.8	115.3	112.0	108.9	106.0	103.2	100.5	98.0	9.90	20
191.7	184.3	177.5	171.1	165.2	159.7	154.6	149.7	145.2	140.9	136.9	133.1	129.5	126.1	122.9	119.8	12.10	30
221.8	213.2	205.3	198.0	191.2	184.8	178.8	173.3	168.0	163.1	158.4	154.0	149.8	145.9	142.2	138.6	14.00	40
126.7	121.8	117.3	113.1	109.2	105.6	102.2	99.0	96.0	93.2	90.5	88.0	85.6	83.4	81.2	79.2	8.00	10
179.0	172.1	165.7	159.8	154.3	149.2	144.3	139.8	135.6	131.6	127.9	124.3	120.9	117.8	114.7	111.9	11.30	20
220.2	211.7	203.9	196.6	189.8	183.5	177.6	172.0	166.8	161.9	157.3	152.9	148.8	144.9	141.1	137.6	13.90	30
253.4	243.7	234.7	226.3	218.5	211.2	204.4	198.0	192.0	186.4	181.0	176.0	171.2	166.7	162.5	158.4	16.00	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	9.00	10
201.2	193.4	186.3	179.6	173.4	167.6	162.2	157.2	152.4	147.9	143.7	139.7	135.9	132.3	129.0	125.7	12.70	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	15.60	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	18.00	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	10.00	10
223.3	214.8	206.8	199.4	192.5	186.1	180.1	174.5	169.2	164.2	159.5	155.1	150.9	146.9	143.2	139.6	14.10	20
274.0	263.5	253.7	244.7	236.2	228.4	221.0	214.1	207.6	201.5	195.7	190.3	185.2	180.3	175.7	171.3	17.30	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	20.00	40
174.2	167.5	161.3	155.6	150.2	145.2	140.5	136.1	132.0	128.1	124.5	121.0	117.7	114.6	111.7	108.9	11.00	10
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	15.60	20
302.5	290.9	280.1	270.1	260.8	252.1	244.0	236.4	229.2	222.5	216.1	210.1	204.4	199.0	193.9	189.1	19.10	30
348.5	335.1	322.7	311.1	300.4	290.4	281.0	272.3	264.0	256.2	248.9	242.0	235.5	229.3	223.4	217.8	22.00	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	12.00	10
269.3	258.9	249.3	240.4	232.1	224.4	217.2	210.4	204.0	198.0	192.3	187.0	181.9	177.2	172.6	168.3	17.00	20
329.5	316.8	305.1	294.2	284.0	274.6	265.7	257.4	249.6	242.3	235.3	228.8	222.6	216.8	211.2	205.9	20.80	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	24.00	40
221.8	213.2	205.3	198.0	191.2	184.8	178.8	173.3	168.0	163.1	158.4	154.0	149.8	145.9	142.2	138.6	14.00	10
313.6	301.6	290.4	280.0	270.4	261.4	252.9	245.0	237.6	230.6	224.0	217.8	211.9	206.3	201.0	196.0	19.80	20
383.3	368.6	354.9	342.3	330.5	319.4	309.1	299.5	290.4	281.9	273.8	266.2	259.0	252.2	245.7	239.6	24.20	30
443.5	426.5	410.7	396.0	382.3	369.6	357.7	346.5	336.0	326.1	316.8	308.0	299.7	291.8	284.3	277.2	28.00	40
253.4	243.7	234.7	226.3	218.5	211.2	204.4	198.0	192.0	186.4	181.0	176.0	171.2	166.7	162.5	158.4	16.00	10
358.0	344.2	331.5	319.6	308.6	298.3	288.7	279.7	271.2	263.2	255.7	248.6	241.9	235.5	229.5	223.7	22.60	20
438.8	421.9	406.3	391.8	378.2	365.6	353.8	342.8	332.4	322.6	313.4	304.7	296.5	288.7	281.3	274.2	27.70	30
506.9	487.4	469.3	452.6	437.0	422.4	408.8	396.0	384.0	372.7	362.1	352.0	342.5	333.5	324.9	316.8	32.00	40
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	18.00	10
403.9	388.4	374.0	360.6	348.2	336.6	325.7	315.6	306.0	297.0	288.5	280.5	272.9	265.7	258.9	252.5	25.50	20
494.2	475.2	457.6	441.3	426.0	411.8	398.6	386.1	374.4	363.4	353.0	343.2	333.9	325.1	316.8	308.9	31.20	30
570.2	548.3	528.0	509.1	491.6	475.2	459.9	445.5	432.0	419.3	407.3	396.0	385.3	375.2	365.5	356.4	36.00	40
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	21.00	10
470.4	452.4	435.6	420.0	405.6	392.0	379.4	367.5	356.4	345.9	336.0	326.7	317.9	309.5	301.6	294.0	29.70	20
576.6	554.4	533.9	514.8	497.0	480.5	465.0	450.5	436.8	424.0	411.8	400.4	389.6	379.3	369.6	360.4	36.40	30
665.3	639.7	616.0	594.0	573.5	554.4	536.5	519.8	504.0	489.2	475.2	462.0	449.5	437.7	426.5	415.8	42.00	40