

LARGE K FLOODJET 32" 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	139.2	123.8	111.4	101.3	92.8	85.7	79.6	74.3	69.6	65.5	61.9	58.6	55.7	53.0	50.6	48.4	46.4
	20	4.24	196.8	174.9	157.4	143.1	131.2	121.1	112.4	104.9	98.4	92.6	87.5	82.8	78.7	75.0	71.6	68.4	65.6
	30	5.20	241.3	214.5	193.1	175.5	160.9	148.5	137.9	128.7	120.7	113.6	107.3	101.6	96.5	91.9	87.8	83.9	80.4
	40	6.00	278.4	247.5	222.8	202.5	185.6	171.3	159.1	148.5	139.2	131.0	123.8	117.2	111.4	106.1	101.3	96.8	92.8
3/8KSS35	10	3.50	162.4	144.4	129.9	118.1	108.3	100.0	92.8	86.6	81.2	76.4	72.2	68.4	65.0	61.9	59.1	56.5	54.1
	20	4.95	229.7	204.2	183.8	167.1	153.1	141.4	131.3	122.5	114.9	108.1	102.1	96.7	91.9	87.5	83.5	79.9	76.6
	30	6.06	281.2	250.0	225.0	204.5	187.5	173.1	160.7	150.0	140.6	132.3	125.0	118.4	112.5	107.1	102.3	97.8	93.7
	40	7.00	324.8	288.8	259.9	236.3	216.6	199.9	185.6	173.3	162.4	152.9	144.4	136.8	129.9	123.8	118.1	113.0	108.3
3/8KSS40 1/2KSS40	10	4.00	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	5.66	262.7	233.5	210.1	191.0	175.1	161.6	150.1	140.1	131.3	123.6	116.7	110.6	105.1	100.1	95.5	91.4	87.6
	30	6.93	321.6	285.9	257.3	233.9	214.4	197.9	183.8	171.5	160.8	151.3	142.9	135.4	128.6	122.5	116.9	111.9	107.2
	40	8.00	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
3/8KSS45	10	4.50	208.8	185.6	167.1	151.9	139.2	128.5	119.3	111.4	104.4	98.3	92.8	87.9	83.5	79.6	75.9	72.6	69.6
	20	6.36	295.1	262.4	236.1	214.7	196.8	181.6	168.7	157.4	147.6	138.9	131.2	124.3	118.1	112.4	107.3	102.7	98.4
	30	7.79	361.5	321.3	289.2	262.9	241.0	222.5	206.6	192.8	180.8	170.1	160.7	152.2	144.6	137.7	131.5	125.7	120.5
	40	9.00	417.7	371.3	334.1	303.8	278.4	257.0	238.7	222.8	208.8	196.5	185.6	175.9	167.1	159.1	151.9	145.3	139.2
1/2KSS50	10	5.00	232.0	206.3	185.6	168.8	154.7	142.8	132.6	123.8	116.0	109.2	103.1	97.7	92.8	88.4	84.4	80.7	77.3
	20	7.07	328.1	291.6	262.5	238.6	218.7	201.9	187.5	175.0	164.0	154.4	145.8	138.1	131.2	125.0	119.3	114.1	109.4
	30	8.66	401.9	357.2	321.5	292.3	267.9	247.3	229.6	214.3	200.9	189.1	178.6	169.2	160.8	153.1	146.1	139.8	134.0
	40	10.00	464.1	412.5	371.3	337.5	309.4	285.6	265.2	247.5	232.0	218.4	206.3	195.4	185.6	176.8	168.8	161.4	154.7
1/2KSS60	10	6.00	278.4	247.5	222.8	202.5	185.6	171.3	159.1	148.5	139.2	131.0	123.8	117.2	111.4	106.1	101.3	96.8	92.8
	20	8.49	394.0	350.2	315.2	286.5	262.7	242.5	225.1	210.1	197.0	185.4	175.1	165.9	157.6	150.1	143.3	137.0	131.3
	30	10.40	482.6	429.0	386.1	351.0	321.8	297.0	275.8	257.4	241.3	227.1	214.5	203.2	193.1	183.9	175.5	167.9	160.9
	40	12.00	556.9	495.0	445.5	405.0	371.3	342.7	318.2	297.0	278.4	262.1	247.5	234.5	222.8	212.1	202.5	193.7	185.6
1/2KSS70	10	7.00	324.8	288.8	259.9	236.3	216.6	199.9	185.6	173.3	162.4	152.9	144.4	136.8	129.9	123.8	118.1	113.0	108.3
	20	9.90	459.4	408.4	367.5	334.1	306.3	282.7	262.5	245.0	229.7	216.2	204.2	193.4	183.8	175.0	167.1	159.8	153.1
	30	12.10	561.5	499.1	449.2	408.4	374.3	345.5	320.9	299.5	280.8	264.2	249.6	236.4	224.6	213.9	204.2	195.3	187.2
	40	14.00	649.7	577.5	519.8	472.5	433.1	399.8	371.3	346.5	324.8	305.7	288.8	273.6	259.9	247.5	236.3	226.0	216.6
1/2KSS80 3/4KSS80	10	8.00	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	11.30	524.4	466.1	419.5	381.4	349.6	322.7	299.7	279.7	262.2	246.8	233.1	220.8	209.8	199.8	190.7	182.4	174.8
	30	13.90	645.0	573.4	516.0	469.1	430.0	397.0	368.6	344.0	322.5	303.6	286.7	271.6	258.0	245.7	234.6	224.4	215.0
	40	16.00	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
1/2KSS90 3/4KSS90	10	9.00	417.7	371.3	334.1	303.8	278.4	257.0	238.7	222.8	208.8	196.5	185.6	175.9	167.1	159.1	151.9	145.3	139.2
	20	12.70	589.4	523.9	471.5	428.6	392.9	362.7	336.8	314.3	294.7	277.3	261.9	248.2	235.7	224.5	214.3	205.0	196.5
	30	15.60	723.9	643.5	579.2	526.5	482.6	445.5	413.7	386.1	362.0	340.7	321.8	304.8	289.6	275.8	263.3	251.8	241.3
	40	18.00	835.3	742.5	668.3	607.5	556.9	514.0	477.3	445.5	417.7	393.1	371.3	351.7	334.1	318.2	303.8	290.5	278.4
3/4KSS100	10	10.00	464.1	412.5	371.3	337.5	309.4	285.6	265.2	247.5	232.0	218.4	206.3	195.4	185.6	176.8	168.8	161.4	154.7
	20	14.10	654.3	581.6	523.5	475.9	436.2	402.7	373.9	349.0	327.2	307.9	290.8	275.5	261.7	249.3	237.9	227.6	218.1
	30	17.30	802.8	713.6	642.3	583.9	535.2	494.0	458.8	428.2	401.4	377.8	356.8	338.0	321.1	305.8	291.9	279.2	267.6
	40	20.00	928.1	825.0	742.5	675.0	618.8	571.2	530.4	495.0	464.1	436.8	412.5	390.8	371.3	353.6	337.5	322.8	309.4
3/4KSS110	10	11.00	510.5	453.8	408.4	371.3	340.3	314.1	291.7	272.3	255.2	240.2	226.9	214.9	204.2	194.5	185.6	177.6	170.2
	20	15.60	723.9	643.5	579.2	526.5	482.6	445.5	413.7	386.1	362.0	340.7	321.8	304.8	289.6	275.8	263.3	251.8	241.3
	30	19.10	886.4	787.9	709.1	644.6	590.9	545.5	506.5	472.7	443.2	417.1	393.9	373.2	354.5	337.7	322.3	308.3	295.5
	40	22.00	1021	907.5	816.8	742.5	680.6	628.3	583.4	544.5	510.5	480.4	453.8	429.9	408.4	388.9	371.3	355.1	340.3
1/2KSS120 3/4KSS120	10	12.00	556.9	495.0	445.5	405.0	371.3	342.7	318.2	297.0	278.4	262.1	247.5	234.5	222.8	212.1	202.5	193.7	185.6
	20	17.00	788.9	701.3	631.1	573.8	525.9	485.5	450.8	420.8	394.5	371.3	350.6	332.2	315.6	300.5	286.9	274.4	263.0
	30	20.80	965	858.0	772.2	702.0	643.5	594.0	551.6	514.8	482.6	454.2	429.0	406.4	386.1	367.7	351.0	335.7	321.8
	40	24.00	1114	990	891.0	810.0	742.5	685.4	636.4	594.0	556.9	524.1	495.0	468.9	445.5	424.3	405.0	387.4	371.3
3/4KSS140	10	14.00	649.7	577.5	519.8	472.5	433.1	399.8	371.3	346.5	324.8	305.7	288.8	273.6	259.9	247.5	236.3	226.0	216.6
	20	19.80	918.8	816.8	735.1	668.3	612.6	565.4	525.1	490.1	459.4	432.4	408.4	386.9	367.5	350.0	334.1	319.6	306.3
	30	24.20	1123	998	898.4	816.8	748.7	691.1	641.7	599.0	561.5	528.5	499.1	472.9	449.2	427.8	408.4	390.6	374.3
	40	28.00	1299	1155	1040	945	866.3	799.6	742.5	693.0	649.7	611.5	577.5	547.1	519.8	495.0	472.5	452.0	433.1
3/4KSS160	10	16.00	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
	20	22.60	1049	932.3	839.0	762.8	699.2	645.4	599.3	559.4	524.4	493.5	466.1	441.6	419.5	399.5	381.4	364.8	349.6
	30	27.70	1285	1143	1028	934.9	857.0	791.0	734.5	685.6	642.7	604.9	571.3	541.2	514.2	489.7	467.4	44	

LARGE K FLOODJET 32" 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
44.6	42.8	41.3	39.8	38.4	37.1	35.9	34.8	33.8	32.8	31.8	30.9	30.1	29.3	28.6	27.8	3.00	10
63.0	60.5	58.3	56.2	54.3	52.5	50.8	49.2	47.7	46.3	45.0	43.7	42.5	41.4	40.4	39.4	4.24	20
77.2	74.3	71.5	68.9	66.6	64.4	62.3	60.3	58.5	56.8	55.2	53.6	52.2	50.8	49.5	48.3	5.20	30
89.1	85.7	82.5	79.6	76.8	74.3	71.9	69.6	67.5	65.5	63.6	61.9	60.2	58.6	57.1	55.7	6.00	40
52.0	50.0	48.1	46.4	44.8	43.3	41.9	40.6	39.4	38.2	37.1	36.1	35.1	34.2	33.3	32.5	3.50	10
73.5	70.7	68.1	65.6	63.4	61.3	59.3	57.4	55.7	54.0	52.5	51.0	49.7	48.4	47.1	45.9	4.95	20
90.0	86.5	83.3	80.3	77.6	75.0	72.6	70.3	68.2	66.2	64.3	62.5	60.8	59.2	57.7	56.2	6.06	30
104.0	100.0	96.3	92.8	89.6	86.6	83.8	81.2	78.8	76.4	74.3	72.2	70.2	68.4	66.6	65.0	7.00	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	4.00	10
84.1	80.8	77.8	75.0	72.5	70.0	67.8	65.7	63.7	61.8	60.0	58.4	56.8	55.3	53.9	52.5	5.66	20
102.9	99.0	95.3	91.9	88.7	85.8	83.0	80.4	78.0	75.7	73.5	71.5	69.5	67.7	66.0	64.3	6.93	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	8.00	40
66.8	64.3	61.9	59.7	57.6	55.7	53.9	52.2	50.6	49.1	47.7	46.4	45.2	44.0	42.8	41.8	4.50	10
94.4	90.8	87.5	84.3	81.4	78.7	76.2	73.8	71.6	69.4	67.5	65.6	63.8	62.1	60.5	59.0	6.36	20
115.7	111.2	107.1	103.3	99.7	96.4	93.3	90.4	87.6	85.1	82.6	80.3	78.2	76.1	74.2	72.3	7.79	30
133.7	128.5	123.8	119.3	115.2	111.4	107.8	104.4	101.3	98.3	95.5	92.8	90.3	87.9	85.7	83.5	9.00	40
74.3	71.4	68.8	66.3	64.0	61.9	59.9	58.0	56.3	54.6	53.0	51.6	50.2	48.8	47.6	46.4	5.00	10
105.0	101.0	97.2	93.7	90.5	87.5	84.7	82.0	79.5	77.2	75.0	72.9	70.9	69.1	67.3	65.6	7.07	20
128.6	123.7	119.1	114.8	110.9	107.2	103.7	100.5	97.4	94.6	91.9	89.3	86.9	84.6	82.4	80.4	8.66	30
148.5	142.8	137.5	132.6	128.0	123.8	119.8	116.0	112.5	109.2	106.1	103.1	100.3	97.7	95.2	92.8	10.00	40
89.1	85.7	82.5	79.6	76.8	74.3	71.9	69.6	67.5	65.5	63.6	61.9	60.2	58.6	57.1	55.7	6.00	10
126.1	121.2	116.7	112.6	108.7	105.1	101.7	98.5	95.5	92.7	90.1	87.6	85.2	82.9	80.8	78.8	8.49	20
154.4	148.5	143.0	137.9	133.1	128.7	124.5	120.7	117.0	113.6	110.3	107.3	104.4	101.6	99.0	96.5	10.40	30
178.2	171.3	165.0	159.1	153.6	148.5	143.7	139.2	135.0	131.0	127.3	123.8	120.4	117.2	114.2	111.4	12.00	40
104.0	100.0	96.3	92.8	89.6	86.6	83.8	81.2	78.8	76.4	74.3	72.2	70.2	68.4	66.6	65.0	7.00	10
147.0	141.4	136.1	131.3	126.7	122.5	118.6	114.9	111.4	108.1	105.0	102.1	99.3	96.7	94.2	91.9	9.90	20
179.7	172.8	166.4	160.4	154.9	149.7	144.9	140.4	136.1	132.1	128.3	124.8	121.4	118.2	115.2	112.3	12.10	30
207.9	199.9	192.5	185.6	179.2	173.3	167.7	162.4	157.5	152.9	148.5	144.4	140.5	136.8	133.3	129.9	14.00	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	8.00	10
167.8	161.4	155.4	149.8	144.7	139.8	135.3	131.1	127.1	123.4	119.9	116.5	113.4	110.4	107.6	104.9	11.30	20
206.4	198.5	191.1	184.3	177.9	172.0	166.5	161.3	156.4	151.8	147.4	143.3	139.5	135.8	132.3	129.0	13.90	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	16.00	40
133.7	128.5	123.8	119.3	115.2	111.4	107.8	104.4	101.3	98.3	95.5	92.8	90.3	87.9	85.7	83.5	9.00	10
188.6	181.3	174.6	168.4	162.6	157.2	152.1	147.3	142.9	138.7	134.7	131.0	127.4	124.1	120.9	117.9	12.70	20
231.7	222.8	214.5	206.8	199.7	193.1	186.8	181.0	175.5	170.3	165.5	160.9	156.5	152.4	148.5	144.8	15.60	30
267.3	257.0	247.5	238.7	230.4	222.8	215.6	208.8	202.5	196.5	190.9	185.6	180.6	175.9	171.3	167.1	18.00	40
148.5	142.8	137.5	132.6	128.0	123.8	119.8	116.0	112.5	109.2	106.1	103.1	100.3	97.7	95.2	92.8	10.00	10
209.4	201.3	193.9	187.0	180.5	174.5	168.9	163.6	158.6	154.0	149.6	145.4	141.5	137.8	134.2	130.9	14.10	20
256.9	247.0	237.9	229.4	221.5	214.1	207.2	200.7	194.6	188.9	183.5	178.4	173.6	169.0	164.7	160.6	17.30	30
297.0	285.6	275.0	265.2	256.0	247.5	239.5	232.0	225.0	218.4	212.1	206.3	200.7	195.4	190.4	185.6	20.00	40
163.4	157.1	151.3	145.8	140.8	136.1	131.7	127.6	123.8	120.1	116.7	113.4	110.4	107.5	104.7	102.1	11.00	10
231.7	222.8	214.5	206.8	199.7	193.1	186.8	181.0	175.5	170.3	165.5	160.9	156.5	152.4	148.5	144.8	15.60	20
283.6	272.7	262.6	253.2	244.5	236.4	228.7	221.6	214.9	208.6	202.6	197.0	191.6	186.6	181.8	177.3	19.10	30
326.7	314.1	302.5	291.7	281.6	272.3	263.5	255.2	247.5	240.2	233.4	226.9	220.7	214.9	209.4	204.2	22.00	40
178.2	171.3	165.0	159.1	153.6	148.5	143.7	139.2	135.0	131.0	127.3	123.8	120.4	117.2	114.2	111.4	12.00	10
252.5	242.7	233.8	225.4	217.6	210.4	203.6	197.2	191.3	185.6	180.3	175.3	170.6	166.1	161.8	157.8	17.00	20
308.9	297.0	286.0	275.8	266.3	257.4	249.1	241.3	234.0	227.1	220.6	214.5	208.7	203.2	198.0	193.1	20.80	30
356.4	342.7	330.0	318.2	307.2	297.0	287.4	278.4	270.0	262.1	254.6	247.5	240.8	234.5	228.5	222.8	24.00	40
207.9	199.9	192.5	185.6	179.2	173.3	167.7	162.4	157.5	152.9	148.5	144.4	140.5	136.8	133.3	129.9	14.00	10
294.0	282.7	272.3	262.5	253.5	245.0	237.1	229.7	222.8	216.2	210.0	204.2	198.7	193.4	188.5	183.8	19.80	20
359.4	345.5	332.8	320.9	309.8	299.5	289.8	280.8	272.3	264.2	256.7	249.6	242.8	236.4	230.4	224.6	24.20	30
415.8	399.8	385.0	371.3	358.4	346.5	335.3	324.8	315.0	305.7	297.0	288.8	280.9	273.6	266.5	259.9	28.00	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	16.00	10
335.6	322.7	310.8	299.7	289.3	279.7	270.7	262.2	254.3	246.8	239.7	233.1	226.8	220.8	215.1	209.8	22.60	20
411.3	395.5	380.9	367.3	354.6	342.8	331.7	321.4	311.6	302.5	293.8	285.7	277.9	270.6	263.7	257.1	27.70	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	32.00	40
267.3	257.0	247.5	238.7	230.4	222.8	215.6	208.8	202.5	196.5	190.9	185.6	180.6	175.9	171.3	167.1	18.00	10
378.7	364.1	350.6	338.1	326.4	315.6	305.4	295.8	286.9	278.4	270.5	263.0	255.9	249.1	242.7	236.7	25.50	20
463.3	445.5	429.0	413.7	399.4	386.1	373.6	362.0	351.0	340.7	330.9	321.8	313.1	304.8	297.0	289.6	31.20	30
534.6	514.0	495.0	477.3	460.9	445.5	431.1	417.7	405.0	393.1	381.9	371.3	361.2	351.7	342.7	334.1	36.00	40
311.9	299.9	288.8	278.4	268.8	259.9	251.5	243.6	236.3	229.3	222.8	216.6	210.7	205.2	199.9	194.9	21.00	10
441.0	424.1	408.4	393.8	380.2	367.5	355.7	344.6	334.1	324.3	315.0	306.3	298.0	290.2	282.7	275.7	29.70	20
540.5	519.8	500.5	482.6	466.0	450.5	435.9	422.3	409.5	397.5	386.1	375.4	365.2	355.6	346.5	337.8	36.40	30
623.7	599.7	577.5	556.9	537.7	519.8	503.0	487.3	472.5	458.6	445.5	433.1	421.4	410.3	399.8	389.8	42.00	40