

LARGE K FLOODJET 60" 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	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8	24.8
	20	4.24	104.9	93.3	84.0	76.3	70.0	64.6	60.0	56.0	52.5	49.4	46.6	44.2	42.0	40.0	38.2	36.5	35.0
	30	5.20	128.7	114.4	103.0	93.6	85.8	79.2	73.5	68.6	64.4	60.6	57.2	54.2	51.5	49.0	46.8	44.8	42.9
	40	6.00	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
3/8KSS35	10	3.50	86.6	77.0	69.3	63.0	57.8	53.3	49.5	46.2	43.3	40.8	38.5	36.5	34.7	33.0	31.5	30.1	28.9
	20	4.95	122.5	108.9	98.0	89.1	81.7	75.4	70.0	65.3	61.3	57.7	54.5	51.6	49.0	46.7	44.6	42.6	40.8
	30	6.06	150.0	133.3	120.0	109.1	100.0	92.3	85.7	80.0	75.0	70.6	66.7	63.2	60.0	57.1	54.5	52.2	50.0
	40	7.00	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
3/8KSS40 1/2KSS40	10	4.00	99.0	88.0	79.2	72.0	66.0	60.9	56.6	52.8	49.5	46.6	44.0	41.7	39.6	37.7	36.0	34.4	33.0
	20	5.66	140.1	124.5	112.1	101.9	93.4	86.2	80.0	74.7	70.0	65.9	62.3	59.0	56.0	53.4	50.9	48.7	46.7
	30	6.93	171.5	152.5	137.2	124.7	114.3	105.5	98.0	91.5	85.8	80.7	76.2	72.2	68.6	65.3	62.4	59.7	57.2
	40	8.00	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
3/8KSS45	10	4.50	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	6.36	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	7.79	192.8	171.4	154.2	140.2	128.5	118.6	110.2	102.8	96.4	90.7	85.7	81.2	77.1	73.4	70.1	67.1	64.3
	40	9.00	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
1/2KSS50	10	5.00	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	7.07	175.0	155.5	140.0	127.3	116.7	107.7	100.0	93.3	87.5	82.3	77.8	73.7	70.0	66.7	63.6	60.9	58.3
	30	8.66	214.3	190.5	171.5	155.9	142.9	131.9	122.5	114.3	107.2	100.9	95.3	90.2	85.7	81.7	77.9	74.6	71.4
	40	10.00	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
1/2KSS60	10	6.00	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	8.49	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	10.40	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	12.00	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
1/2KSS70	10	7.00	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	9.90	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	12.10	299.5	266.2	239.6	217.8	199.7	184.3	171.1	159.7	149.7	140.9	133.1	126.1	119.8	114.1	108.9	104.2	99.8
	40	14.00	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
1/2KSS80 3/4KSS80	10	8.00	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	11.30	279.7	248.6	223.7	203.4	186.5	172.1	159.8	149.2	139.8	131.6	124.3	117.8	111.9	106.5	101.7	97.3	93.2
	30	13.90	344.0	305.8	275.2	250.2	229.4	211.7	196.6	183.5	172.0	161.9	152.9	144.9	137.6	131.1	125.1	119.7	114.7
	40	16.00	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
1/2KSS90 3/4KSS90	10	9.00	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	12.70	314.3	279.4	251.5	228.6	209.6	193.4	179.6	167.6	157.2	147.9	139.7	132.3	125.7	119.7	114.3	109.3	104.8
	30	15.60	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	18.00	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
3/4KSS100	10	10.00	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	14.10	349.0	310.2	279.2	253.8	232.7	214.8	199.4	186.1	174.5	164.2	155.1	146.9	139.6	132.9	126.9	121.4	116.3
	30	17.30	428.2	380.6	342.5	311.4	285.5	263.5	244.7	228.4	214.1	201.5	190.3	180.3	171.3	163.1	155.7	148.9	142.7
	40	20.00	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
3/4KSS110	10	11.00	272.3	242.0	217.8	198.0	181.5	167.5	155.6	145.2	136.1	128.1	121.0	114.6	108.9	103.7	99.0	94.7	90.8
	20	15.60	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
	30	19.10	472.7	420.2	378.2	343.8	315.2	290.9	270.1	252.1	236.4	222.5	210.1	199.0	189.1	180.1	171.9	164.4	157.6
	40	22.00	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
1/2KSS120 3/4KSS120	10	12.00	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	17.00	420.8	374.0	336.6	306.0	280.5	258.9	240.4	224.4	210.4	198.0	187.0	177.2	168.3	160.3	153.0	146.3	140.3
	30	20.80	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	24.00	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
3/4KSS140	10	14.00	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	19.80	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	24.20	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	28.00	693	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
3/4KSS160	10	16.00	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	22.60	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	27.70	686	609.4	548.5	498.6	457.1	421.9	391.8	365.6	342.8	322.6	304.7	288.7	274.2	261.2	249.3	238.5	228.5
	40	32.00	792	704	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
3/4KSS180	10	18.00	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	25.50	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	31.20	772	686	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	36.00	891	792	713	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
3/4KSS210	10	21.00	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	29.70	735	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

LARGE K FLOODJET 60" TIP SPACING

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

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	mph	
23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	gpm	psi
33.6	32.3	31.1	30.0	28.9	28.0	27.1	26.2	25.4	24.7	24.0	23.3	22.7	22.1	21.5	21.0	4.24	20
41.2	39.6	38.1	36.8	35.5	34.3	33.2	32.2	31.2	30.3	29.4	28.6	27.8	27.1	26.4	25.7	5.20	30
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	6.00	40
27.7	26.7	25.7	24.8	23.9	23.1	22.4	21.7	21.0	20.4	19.8	19.3	18.7	18.2	17.8	17.3	3.50	10
39.2	37.7	36.3	35.0	33.8	32.7	31.6	30.6	29.7	28.8	28.0	27.2	26.5	25.8	25.1	24.5	4.95	20
48.0	46.1	44.4	42.9	41.4	40.0	38.7	37.5	36.4	35.3	34.3	33.3	32.4	31.6	30.8	30.0	6.06	30
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	7.00	40
31.7	30.5	29.3	28.3	27.3	26.4	25.5	24.8	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	4.00	10
44.8	43.1	41.5	40.0	38.6	37.4	36.2	35.0	34.0	33.0	32.0	31.1	30.3	29.5	28.7	28.0	5.66	20
54.9	52.8	50.8	49.0	47.3	45.7	44.3	42.9	41.6	40.4	39.2	38.1	37.1	36.1	35.2	34.3	6.93	30
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	8.00	40
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	4.50	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	6.36	20
61.7	59.3	57.1	55.1	53.2	51.4	49.8	48.2	46.7	45.4	44.1	42.8	41.7	40.6	39.5	38.6	7.79	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	9.00	40
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	5.00	10
56.0	53.8	51.8	50.0	48.3	46.7	45.2	43.7	42.4	41.2	40.0	38.9	37.8	36.8	35.9	35.0	7.07	20
68.6	65.9	63.5	61.2	59.1	57.2	55.3	53.6	52.0	50.4	49.0	47.6	46.3	45.1	44.0	42.9	8.66	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	10.00	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	6.00	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	8.49	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	10.40	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	12.00	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	7.00	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	9.90	20
95.8	92.1	88.7	85.6	82.6	79.9	77.3	74.9	72.6	70.5	68.5	66.6	64.8	63.0	61.4	59.9	12.10	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	14.00	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	8.00	10
89.5	86.1	82.9	79.9	77.2	74.6	72.2	69.9	67.8	65.8	63.9	62.2	60.5	58.9	57.4	55.9	11.30	20
110.1	105.9	101.9	98.3	94.9	91.7	88.8	86.0	83.4	80.9	78.6	76.5	74.4	72.4	70.6	68.8	13.90	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	16.00	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	9.00	10
100.6	96.7	93.1	89.8	86.7	83.8	81.1	78.6	76.2	74.0	71.8	69.9	68.0	66.2	64.5	62.9	12.70	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	15.60	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	18.00	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	10.00	10
111.7	107.4	103.4	99.7	96.3	93.1	90.1	87.2	84.6	82.1	79.8	77.6	75.5	73.5	71.6	69.8	14.10	20
137.0	131.7	126.9	122.3	118.1	114.2	110.5	107.0	103.8	100.7	97.9	95.2	92.6	90.1	87.8	85.6	17.30	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	20.00	40
87.1	83.8	80.7	77.8	75.1	72.6	70.3	68.1	66.0	64.1	62.2	60.5	58.9	57.3	55.8	54.5	11.00	10
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	15.60	20
151.3	145.5	140.1	135.1	130.4	126.1	122.0	118.2	114.6	111.2	108.1	105.1	102.2	99.5	97.0	94.5	19.10	30
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	22.00	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	12.00	10
134.6	129.5	124.7	120.2	116.1	112.2	108.6	105.2	102.0	99.0	96.2	93.5	91.0	88.6	86.3	84.2	17.00	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	20.80	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	24.00	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	14.00	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	19.80	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	24.20	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	28.00	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	16.00	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	22.60	20
219.4	210.9	203.1	195.9	189.1	182.8	176.9	171.4	166.2	161.3	156.7	152.4	148.2	144.3	140.6	137.1	27.70	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	32.00	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	18.00	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	25.50	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	31.20	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	36.00	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	21.00	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	29.70	20
288.3	277.2	266.9	257.4	248.5	240.2	232.5	225.2	218.4	212.0	205.9	200.2	194.8	189.7	184.8	180.2	36.40	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	42.00	40