

**LARGE TK 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																			
TKSS30 QCKSS30 YELLOW	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
QCKSS40 RED	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
QCKSS50 GRAY	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
QCKSS60 BLUE	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
QCKSS80	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
QCKSS100 LT BLUE	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
QCKSS120 ORANGE	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
QCKSS150 BLACK	10	15.00	586.2	521.1	468.9	426.3	390.8	360.7	335.0	312.6	293.1	275.9	260.5	246.8	234.5	223.3	213.2	203.9	195.4
	20	21.20	828	736.4	662.8	602.5	552.3	509.8	473.4	441.9	414.2	389.9	368.2	348.8	331.4	315.6	301.3	288.2	276.2
	30	26.00	1016	903	813	738.9	677.4	625.3	580.6	541.9	508.0	478.1	451.6	427.8	406.4	387.1	369.5	353.4	338.7
	40	30.00	1172	1042	938	853	781.6	721.5	669.9	625.3	586.2	551.7	521.1	493.6	468.9	446.6	426.3	407.8	390.8
QCKSS180 GREEN	10	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
	20	25.50	997	886	797	724.7	664.3	613.2	569.4	531.5	498.3	468.9	442.9	419.6	398.6	379.6	362.4	346.6	332.2
	30	31.20	1219	1084	975	887	813	750.3	696.7	650.3	609.6	573.8	541.9	513.4	487.7	464.5	443.4	424.1	406.4
	40	36.00	1407	1251	1125	1023	938	866	804	750.3	703.4	662.0	625.3	592.4	562.7	535.9	511.6	489.3	468.9
QCKSS210 PURPLE	10	21.00	821	729.5	656.5	596.8	547.1	505.0	468.9	437.7	410.3	386.2	364.7	345.5	328.3	312.6	298.4	285.4	273.6
	20	29.70	1161	1032	929	844	773.8	714.2	663.2	619.0	580.3	546.2	515.8	488.7	464.3	442.2	422.1	403.7	386.9
	30	36.40	1422	1264	1138	1035	948	875	813	758.7	711.2	669.4	632.2	598.9	569.0	541.9	517.3	494.8	474.2
	40	42.00	1641	1459	1313	1194	1094	1010	938	875	821	772.4	729.5	691.1	656.5	625.3	596.8	570.9	547.1

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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				
																			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	TKSS30 QCKSS30 YELLOW		
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			
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	QCKSS40 RED		
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			
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	QCKSS50 GRAY		
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	QCKSS60 BLUE		
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			
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	QCKSS80		
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			
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	QCKSS100 LT BLUE		
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			
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	QCKSS120 ORANGE		
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			
187.6	180.4	173.7	167.5	161.7	156.3	151.3	146.5	142.1	137.9	134.0	130.3	126.7	123.4	120.2	117.2	15.00	10	QCKSS150 BLACK		
265.1	254.9	245.5	236.7	228.5	220.9	213.8	207.1	200.8	194.9	189.4	184.1	179.1	174.4	169.9	165.7	21.20	20			
325.1	312.6	301.1	290.3	280.3	270.9	262.2	254.0	246.3	239.1	232.2	225.8	219.7	213.9	208.4	203.2	26.00	30			
375.2	360.7	347.4	335.0	323.4	312.6	302.5	293.1	284.2	275.9	268.0	260.5	253.5	246.8	240.5	234.5	30.00	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	QCKSS180 GREEN		
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	QCKSS210 PURPLE		
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			