

**LARGE TK 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																			
TKSS30 QCKSS30 YELLOW	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
QCKSS40 RED	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
QCKSS50 GRAY	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
QCKSS60 BLUE	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
QCKSS80	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
QCKSS100 LT BLUE	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
QCKSS120 ORANGE	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	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	792	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
QCKSS150 BLACK	10	15.00	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	21.20	787	699.6	629.6	572.4	524.7	484.3	449.7	419.8	393.5	370.4	349.8	331.4	314.8	299.8	286.2	273.8	262.4
	30	26.00	965	858	772	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	30.00	1114	990	891	810	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
QCKSS180 GREEN	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	947	842	757	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	927	842	772	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	891	822	764	712.8	668.3	628.9	594.0	562.7	534.6	509.1	486.0	464.9	445.5
QCKSS210 PURPLE	10	21.00	780	693.0	623.7	567.0	519.8	479.8	445.5	415.8	389.8	366.9	346.5	328.3	311.9	297.0	283.5	271.2	259.9
	20	29.70	1103	980	882	802	735.1	678.5	630.1	588.1	551.3	518.9	490.1	464.3	441.0	420.0	401.0	383.5	367.5
	30	36.40	1351	1201	1081	983	901	832	772	720.7	675.7	635.9	600.6	569.0	540.5	514.8	491.4	470.0	450.5
	40	42.00	1559	1386	1247	1134	1040	960	891	832	780	733.8	693.0	656.5	623.7	594.0	567.0	542.3	519.8

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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			
																		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	TKSS30	
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	QCKSS30	
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	YELLOW	
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		
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	QCKSS40	
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	RED	
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		
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	QCKSS50	
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	GRAY	
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	QCKSS60	
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	BLUE	
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		
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	QCKSS80	
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		
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	QCKSS100	
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	LT BLUE	
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		
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	QCKSS120	
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	ORANGE	
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		
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	15.00	10	QCKSS150	
251.9	242.2	233.2	224.9	217.1	209.9	203.1	196.8	190.8	185.2	179.9	174.9	170.2	165.7	161.4	157.4	21.20	20	BLACK	
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	26.00	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	30.00	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	QCKSS180	
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	GREEN	
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	QCKSS210	
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	PURPLE	
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		