

LARGE TK FLOODJET 36" 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	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	4.24	174.9	155.5	139.9	127.2	116.6	107.6	99.9	93.3	87.5	82.3	77.7	73.6	70.0	66.6	63.6	60.8	58.3
	30	5.20	214.5	190.7	171.6	156.0	143.0	132.0	122.6	114.4	107.3	100.9	95.3	90.3	85.8	81.7	78.0	74.6	71.5
	40	6.00	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
QCKSS40 RED	10	4.00	165.0	146.7	132.0	120.0	110.0	101.5	94.3	88.0	82.5	77.6	73.3	69.5	66.0	62.9	60.0	57.4	55.0
	20	5.66	233.5	207.5	186.8	169.8	155.7	143.7	133.4	124.5	116.7	109.9	103.8	98.3	93.4	88.9	84.9	81.2	77.8
	30	6.93	285.9	254.1	228.7	207.9	190.6	175.9	163.4	152.5	142.9	134.5	127.1	120.4	114.3	108.9	104.0	99.4	95.3
	40	8.00	330.0	293.3	264.0	240.0	220.0	203.1	188.6	176.0	165.0	155.3	146.7	138.9	132.0	125.7	120.0	114.8	110.0
QCKSS50 GRAY	10	5.00	206.3	183.3	165.0	150.0	137.5	126.9	117.9	110.0	103.1	97.1	91.7	86.8	82.5	78.6	75.0	71.7	68.8
	20	7.07	291.6	259.2	233.3	212.1	194.4	179.5	166.7	155.5	145.8	137.2	129.6	122.8	116.7	111.1	106.1	101.4	97.2
	30	8.66	357.2	317.5	285.8	259.8	238.2	219.8	204.1	190.5	178.6	168.1	158.8	150.4	142.9	136.1	129.9	124.3	119.1
	40	10.00	412.5	366.7	330.0	300.0	275.0	253.8	235.7	220.0	206.3	194.1	183.3	173.7	165.0	157.1	150.0	143.5	137.5
QCKSS60 BLUE	10	6.00	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	8.49	350.2	311.3	280.2	254.7	233.5	215.5	200.1	186.8	175.1	164.8	155.7	147.5	140.1	133.4	127.4	121.8	116.7
	30	10.40	429.0	381.3	343.2	312.0	286.0	264.0	245.1	228.8	214.5	201.9	190.7	180.6	171.6	163.4	156.0	149.2	143.0
	40	12.00	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
QCKSS80	10	8.00	330.0	293.3	264.0	240.0	220.0	203.1	188.6	176.0	165.0	155.3	146.7	138.9	132.0	125.7	120.0	114.8	110.0
	20	11.30	466.1	414.3	372.9	339.0	310.8	286.8	266.4	248.6	233.1	219.4	207.2	196.3	186.5	177.6	169.5	162.1	155.4
	30	13.90	573.4	509.7	458.7	417.0	382.3	352.8	327.6	305.8	286.7	269.8	254.8	241.4	229.4	218.4	208.5	199.4	191.1
	40	16.00	660.0	586.7	528.0	480.0	440.0	406.2	377.1	352.0	330.0	310.6	293.3	277.9	264.0	251.4	240.0	229.6	220.0
QCKSS100 LT BLUE	10	10.00	412.5	366.7	330.0	300.0	275.0	253.8	235.7	220.0	206.3	194.1	183.3	173.7	165.0	157.1	150.0	143.5	137.5
	20	14.10	581.6	517.0	465.3	423.0	387.8	357.9	332.4	310.2	290.8	273.7	258.5	244.9	232.7	221.6	211.5	202.3	193.9
	30	17.30	713.6	634.3	570.9	519.0	475.8	439.2	407.8	380.6	356.8	335.8	317.2	300.5	285.5	271.9	259.5	248.2	237.9
	40	20.00	825.0	733.3	660.0	600.0	550.0	507.7	471.4	440.0	412.5	388.2	366.7	347.4	330.0	314.3	300.0	287.0	275.0
QCKSS120 ORANGE	10	12.00	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	17.00	701.3	623.3	561.0	510.0	467.5	431.5	400.7	374.0	350.6	330.0	311.7	295.3	280.5	267.1	255.0	243.9	233.8
	30	20.80	858	762.7	686.4	624.0	572.0	528.0	490.3	457.6	429.0	403.8	381.3	361.3	343.2	326.9	312.0	298.4	286.0
	40	24.00	990	880	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
QCKSS150 BLACK	10	15.00	618.8	550.0	495.0	450.0	412.5	380.8	353.6	330.0	309.4	291.2	275.0	260.5	247.5	235.7	225.0	215.2	206.3
	20	21.20	875	777.3	699.6	636.0	583.0	538.2	499.7	466.4	437.3	411.5	388.7	368.2	349.8	333.1	318.0	304.2	291.5
	30	26.00	1073	953	858	780.0	715.0	660.0	612.9	572.0	536.3	504.7	476.7	451.6	429.0	408.6	390.0	373.0	357.5
	40	30.00	1238	1100	990	900	825.0	761.5	707.1	660.0	618.8	582.4	550.0	521.1	495.0	471.4	450.0	430.4	412.5
QCKSS180 GREEN	10	18.00	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	25.50	1052	935	842	765.0	701.3	647.3	601.1	561.0	525.9	495.0	467.5	442.9	420.8	400.7	382.5	365.9	350.6
	30	31.20	1287	1144	1030	936	858	792.0	735.4	686.4	643.5	605.6	572.0	541.9	514.8	490.3	468.0	447.7	429.0
	40	36.00	1485	1320	1188	1080	990	914	849	792.0	742.5	698.8	660.0	625.3	594.0	565.7	540.0	516.5	495.0
QCKSS210 PURPLE	10	21.00	866	770.0	693.0	630.0	577.5	533.1	495.0	462.0	433.1	407.6	385.0	364.7	346.5	330.0	315.0	301.3	288.8
	20	29.70	1225	1089	980	891	816.8	753.9	700.1	653.4	612.6	576.5	544.5	515.8	490.1	466.7	445.5	426.1	408.4
	30	36.40	1502	1335	1201	1092	1001	924	858	800.8	750.8	706.6	667.3	632.2	600.6	572.0	546.0	522.3	500.5
	40	42.00	1733	1540	1386	1260	1155	1066	990	924	866	815.3	770.0	729.5	693.0	660.0	630.0	602.6	577.5

LARGE TK FLOODJET 36" TIP SPACING

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
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	3.00	10	
56.0	53.8	51.8	50.0	48.2	46.6	45.1	43.7	42.4	41.2	40.0	38.9	37.8	36.8	35.9	35.0	4.24	20	
68.6	66.0	63.6	61.3	59.2	57.2	55.4	53.6	52.0	50.5	49.0	47.7	46.4	45.2	44.0	42.9	5.20	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	6.00	40	
52.8	50.8	48.9	47.1	45.5	44.0	42.6	41.3	40.0	38.8	37.7	36.7	35.7	34.7	33.8	33.0	4.00	10	
74.7	71.8	69.2	66.7	64.4	62.3	60.3	58.4	56.6	54.9	53.4	51.9	50.5	49.2	47.9	46.7	5.66	20	
91.5	88.0	84.7	81.7	78.9	76.2	73.8	71.5	69.3	67.3	65.3	63.5	61.8	60.2	58.6	57.2	6.93	30	
105.6	101.5	97.8	94.3	91.0	88.0	85.2	82.5	80.0	77.6	75.4	73.3	71.4	69.5	67.7	66.0	8.00	40	
66.0	63.5	61.1	58.9	56.9	55.0	53.2	51.6	50.0	48.5	47.1	45.8	44.6	43.4	42.3	41.3	5.00	10	
93.3	89.7	86.4	83.3	80.5	77.8	75.3	72.9	70.7	68.6	66.7	64.8	63.1	61.4	59.8	58.3	7.07	20	
114.3	109.9	105.8	102.1	98.5	95.3	92.2	89.3	86.6	84.1	81.7	79.4	77.2	75.2	73.3	71.4	8.66	30	
132.0	126.9	122.2	117.9	113.8	110.0	106.5	103.1	100.0	97.1	94.3	91.7	89.2	86.8	84.6	82.5	10.00	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	6.00	10	
112.1	107.8	103.8	100.1	96.6	93.4	90.4	87.6	84.9	82.4	80.0	77.8	75.7	73.7	71.8	70.0	8.49	20	
137.3	132.0	127.1	122.6	118.3	114.4	110.7	107.3	104.0	100.9	98.1	95.3	92.8	90.3	88.0	85.8	10.40	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	12.00	40	
105.6	101.5	97.8	94.3	91.0	88.0	85.2	82.5	80.0	77.6	75.4	73.3	71.4	69.5	67.7	66.0	8.00	10	
149.2	143.4	138.1	133.2	128.6	124.3	120.3	116.5	113.0	109.7	106.5	103.6	100.8	98.1	95.6	93.2	11.30	20	
183.5	176.4	169.9	163.8	158.2	152.9	148.0	143.3	139.0	134.9	131.1	127.4	124.0	120.7	117.6	114.7	13.90	30	
211.2	203.1	195.6	188.6	182.1	176.0	170.3	165.0	160.0	155.3	150.9	146.7	142.7	138.9	135.4	132.0	16.00	40	
132.0	126.9	122.2	117.9	113.8	110.0	106.5	103.1	100.0	97.1	94.3	91.7	89.2	86.8	84.6	82.5	10.00	10	
186.1	179.0	172.3	166.2	160.4	155.1	150.1	145.4	141.0	136.9	132.9	129.3	125.8	122.4	119.3	116.3	14.10	20	
228.4	219.6	211.4	203.9	196.9	190.3	184.2	178.4	173.0	167.9	163.1	158.6	154.3	150.2	146.4	142.7	17.30	30	
264.0	253.8	244.4	235.7	227.6	220.0	212.9	206.3	200.0	194.1	188.6	183.3	178.4	173.7	169.2	165.0	20.00	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	12.00	10	
224.4	215.8	207.8	200.4	193.4	187.0	181.0	175.3	170.0	165.0	160.3	155.8	151.6	147.6	143.8	140.3	17.00	20	
274.6	264.0	254.2	245.1	236.7	228.8	221.4	214.5	208.0	201.9	196.1	190.7	185.5	180.6	176.0	171.6	20.80	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	24.00	40	
198.0	190.4	183.3	176.8	170.7	165.0	159.7	154.7	150.0	145.6	141.4	137.5	133.8	130.3	126.9	123.8	15.00	10	
279.8	269.1	259.1	249.9	241.2	233.2	225.7	218.6	212.0	205.8	199.9	194.3	189.1	184.1	179.4	174.9	21.20	20	
343.2	330.0	317.8	306.4	295.9	286.0	276.8	268.1	260.0	252.4	245.1	238.3	231.9	225.8	220.0	214.5	26.00	30	
396.0	380.8	366.7	353.6	341.4	330.0	319.4	309.4	300.0	291.2	282.9	275.0	267.6	260.5	253.8	247.5	30.00	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	18.00	10	
336.6	323.7	311.7	300.5	290.2	280.5	271.5	263.0	255.0	247.5	240.4	233.8	227.4	221.4	215.8	210.4	25.50	20	
411.8	396.0	381.3	367.7	355.0	343.2	332.1	321.8	312.0	302.8	294.2	286.0	278.3	270.9	264.0	257.4	31.20	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	36.00	40	
277.2	266.5	256.7	247.5	239.0	231.0	223.5	216.6	210.0	203.8	198.0	192.5	187.3	182.4	177.7	173.3	21.00	10	
392.0	377.0	363.0	350.0	338.0	326.7	316.2	306.3	297.0	288.3	280.0	272.3	264.9	257.9	251.3	245.0	29.70	20	
480.5	462.0	444.9	429.0	414.2	400.4	387.5	375.4	364.0	353.3	343.2	333.7	324.6	316.1	308.0	300.3	36.40	30	
554.4	533.1	513.3	495.0	477.9	462.0	447.1	433.1	420.0	407.6	396.0	385.0	374.6	364.7	355.4	346.5	42.00	40	