

NOZZLE NO.	ORIFICE DIA. (IN.)	CALCULATED ACTUAL NOZZLE PRESSURE (PSI)																			ORIFICE DIA. (MM)	NOZZLE NO.	
		1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	2			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
2.0	0.036	1.0	1.4	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.4	4.5	0.925	2.0
2.5	0.041	1.3	1.8	2.2	2.5	2.8	3.1	3.3	3.5	3.8	4.0	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.4	5.6	1.034	2.5
3.0	0.045	1.5	2.1	2.6	3.0	3.4	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5	6.7	1.133	3.0
3.5	0.048	1.8	2.5	3.0	3.5	3.9	4.3	4.6	4.9	5.3	5.5	5.8	6.1	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.8	1.224	3.5
4.0	0.052	2.0	2.8	3.5	4.0	4.5	4.9	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.7	8.9	1.308	4.0
4.5	0.055	2.3	3.2	3.9	4.5	5.0	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.1	1.388	4.5
5.0	0.058	2.5	3.5	4.3	5.0	5.6	6.1	6.6	7.1	7.5	7.9	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9	11.2	1.463	5.0
5.5	0.060	2.8	3.9	4.8	5.5	6.1	6.7	7.3	7.8	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.3	11.7	12.0	12.3	1.534	5.5
6.0	0.063	3.0	4.2	5.2	6.0	6.7	7.3	7.9	8.5	9.0	9.5	9.9	10.4	10.8	11.2	11.6	12.0	12.4	12.7	13.1	13.4	1.602	6.0
6.5	0.066	3.3	4.6	5.6	6.5	7.3	8.0	8.6	9.2	9.8	10.3	10.8	11.3	11.7	12.2	12.6	13.0	13.4	13.8	14.2	14.5	1.668	6.5
7.0	0.068	3.5	4.9	6.1	7.0	7.8	8.6	9.3	9.9	10.5	11.1	11.6	12.1	12.6	13.1	13.6	14.0	14.4	14.8	15.3	15.7	1.731	7.0
7.5	0.071	3.8	5.3	6.5	7.5	8.4	9.2	9.9	10.6	11.3	11.9	12.4	13.0	13.5	14.0	14.5	15.0	15.5	15.9	16.3	16.8	1.791	7.5
8.0	0.073	4.0	5.7	6.9	8.0	8.9	9.8	10.6	11.3	12.0	12.6	13.3	13.9	14.4	15.0	15.5	16.0	16.5	17.0	17.4	17.9	1.850	8.0
8.5	0.075	4.3	6.0	7.4	8.5	9.5	10.4	11.2	12.0	12.8	13.4	14.1	14.7	15.3	15.9	16.5	17.0	17.5	18.0	18.5	19.0	1.907	8.5
9.0	0.077	4.5	6.4	7.8	9.0	10.1	11.0	11.9	12.7	13.5	14.2	14.9	15.6	16.2	16.8	17.4	18.0	18.6	19.1	19.6	20.1	1.962	9.0
9.5	0.079	4.8	6.7	8.2	9.5	10.6	11.6	12.6	13.4	14.3	15.0	15.8	16.5	17.1	17.8	18.4	19.0	19.6	20.2	20.7	21.2	2.016	9.5
10.0	0.081	5.0	7.1	8.7	10.0	11.2	12.2	13.2	14.1	15.0	15.8	16.6	17.3	18.0	18.7	19.4	20.0	20.6	21.2	21.8	22.4	2.069	10.0
11.0	0.085	5.5	7.8	9.5	11.0	12.3	13.5	14.6	15.6	16.5	17.4	18.2	19.1	19.8	20.6	21.3	22.0	22.7	23.3	24.0	24.6	2.170	11.0
12.0	0.089	6.0	8.5	10.4	12.0	13.4	14.7	15.9	17.0	18.0	19.0	19.9	20.8	21.6	22.5	23.2	24.0	24.7	25.5	26.2	26.8	2.266	12.0
12.5	0.091	6.3	8.8	10.8	12.5	14.0	15.3	16.5	17.7	18.8	19.8	20.7	21.7	22.5	23.4	24.2	25.0	25.8	26.5	27.2	28.0	2.313	12.5
13.0	0.093	6.5	9.2	11.3	13.0	14.5	15.9	17.2	18.4	19.5	20.6	21.6	22.5	23.4	24.3	25.2	26.0	26.8	27.6	28.3	29.1	2.359	13.0
14.0	0.096	7.0	9.9	12.1	14.0	15.7	17.1	18.5	19.8	21.0	22.1	23.2	24.2	25.2	26.2	27.1	28.0	28.9	29.7	30.5	31.3	2.448	14.0
15.0	0.100	7.5	10.6	13.0	15.0	16.8	18.4	19.8	21.2	22.5	23.7	24.9	26.0	27.0	28.1	29.0	30.0	30.9	31.8	32.7	33.5	2.533	15.0
20.0	0.115	10.0	14.1	17.3	20.0	22.4	24.5	26.5	28.3	30.0	31.6	33.2	34.6	36.1	37.4	38.7	40.0	41.2	42.4	43.6	44.7	2.925	20.0
25.0	0.129	12.5	17.7	21.7	25.0	28.0	30.6	33.1	35.4	37.5	39.5	41.5	43.3	45.1	46.8	48.4	50.0	51.5	53.0	54.5	55.9	3.271	25.0
30.0	0.141	15.0	21.2	26.0	30.0	33.5	36.7	39.7	42.4	45.0	47.4	49.7	52.0	54.1	56.1	58.1	60.0	61.8	63.6	65.4	67.1	3.583	30.0
35.0	0.152	17.5	24.7	30.3	35.0	39.1	42.9	46.3	49.5	52.5	55.3	58.0	60.6	63.1	65.5	67.8	70.0	72.2	74.2	76.3	78.3	3.870	35.0
40.0	0.163	20.0	28.3	34.6	40.0	44.7	49.0	52.9	56.6	60.0	63.2	66.3	69.3	72.1	74.8	77.5	80.0	82.5	84.9	87.2	89.4	4.137	40.0
45.0	0.173	22.5	31.8	39.0	45.0	50.3	55.1	59.5	63.6	67.5	71.2	74.6	77.9	81.1	84.2	87.1	90.0	92.8	95.5	98.1	100.6	4.388	45.0
50.0	0.182	25.0	35.4	43.3	50.0	55.9	61.2	66.1	70.7	75.0	79.1	82.9	86.6	90.1	93.5	96.8	100.0	103.1	106.1	109.0	111.8	4.625	50.0
55.0	0.191	27.5	38.9	47.6	55.0	61.5	67.4	72.8	77.8	82.5	87.0	91.2	95.3	99.2	102.9	106.5	110.0	113.4	116.7	119.9	123.0	4.851	55.0
60.0	0.199	30.0	42.4	52.0	60.0	67.1	73.5	79.4	84.9	90.0	94.9	99.5	103.9	108.2	112.3	116.2	120.0	123.7	127.3	130.8	134.2	5.067	60.0
65.0	0.208	32.5	46.0	56.3	65.0	72.7	79.6	86.0	91.9	97.5	102.8	107.8	112.6	117.2	121.6	125.9	130.0	134.0	137.9	141.7	145.3	5.274	65.0
70.0	0.215	35.0	49.5	60.6	70.0	78.3	85.7	92.6	99.0	105.0	110.7	116.1	121.2	126.2	131.0	135.6	140.0	144.3	148.5	152.6	156.5	5.473	70.0
75.0	0.223	37.5	53.0	65.0	75.0	83.9	91.9	99.2	106.1	112.5	118.6	124.4	129.9	135.2	140.3	145.2	150.0	154.6	159.1	163.5	167.7	5.665	75.0
80.0	0.230	40.0	56.6	69.3	80.0	89.4	98.0	105.8	113.1	120.0	126.5	132.7	138.6	144.2	149.7	154.9	160.0	164.9	169.7	174.4	178.9	5.851	80.0
85.0	0.237	42.5	60.1	73.6	85.0	95.0	104.1	112.4	120.2	127.5	134.4	141.0	147.2	153.2	159.0	164.6	170.0	175.2	180.3	185.3	190.1	6.031	85.0
90.0	0.244	45.0	63.6	77.9	90.0	100.6	110.2	119.1	127.3	135.0	142.3	149.2	155.9	162.3	168.4	174.3	180.0	185.5	190.9	196.2	201.2	6.206	90.0
95.0	0.251	47.5	67.2	82.3	95.0	106.2	116.4	125.7	134.4	142.5	150.2	157.5	164.5	171.3	177.7	184.0	190.0	195.8	201.5	207.0	212.4	6.376	95.0
100.0	0.258	50.0	70.7	86.6	100.0	111.8	122.5	132.3	141.4	150.0	158.1	165.8	173.2	180.3	187.1	193.6	200.0	206.2	212.1	217.9	223.6	6.541	100.0
105.0	0.264	52.5	74.2	90.9	105.0	117.4	128.6	138.9	148.5	157.5	166.0	174.1	181.9	189.3	196.4	203.3	210.0	216.5	222.7	228.8	234.8	6.703	105.0
110.0	0.270	55.0	77.8	95.3	110.0	123.0	134.7	145.5	155.6	165.0	173.9	182.4	190.5	198.3	205.8	213.0	220.0	226.8	233.3	239.7	246.0	6.861	110.0
115.0	0.276	57.5	81.3	99.6	115.0	128.6	140.8	152.1	162.6	172.5	181.8	190.7	199.2	207.3	215.1	222.7	230.0	237.1	244.0	250.6	257.1	7.015	115.0
120.0	0.282	60.0	84.9	103.9	120.0	134.2	147.0	158.7	169.7	180.0	189.7	199.0	207.8	216.3	224.5	232.4	240.0	247.4	254.6	261.5	268.3	7.166	120.0
125.0	0.288	62.5	88.4	108.3	125.0	139.8	153.1	165.4	176.8	187.5	197.6	207.3	216.5	225.3	233.9	242.1	250.0	257.7	265.2	272.4	279.5	7.313	125.0
130.0	0.294	65.0	91.9	112.6	130.0	145.3	159.2	172.0	183.8	195.0	205.5	215.6	225.2	234.4	243.2	251.7	260.0	268.0	275.8	283.3	290.7	7.458	130.0
135.0	0.299	67.5	95.5	116.9	135.0	150.9	165.3	178.6	190.9	202.5	213.5	223.9	233.8	243.4	252.6	261.4	270.0	278.3	286.4	294.2	301.9	7.600	135.0
140.0	0.305	70.0	99.0	121.2	140.0	156.5	171.5	185.2	198.0	210.0	221.4	232.2	242.5	252.4	261.9	271.1	280.0	288.6	297.0	305.1	313.1	7.740	140.0
145.0	0.310	72.5	102.5	125.6	145.0	162.1	177.6	191.8	205.1	217.5	229.3	240.5	251.1	261.4	271.3	280.8	290.0	298.9	307.6	316.0	324.2	7.877	145.0
150.0	0.315	75.0	106.1	129.9	150.0	167.7	183.7	198.4	212.1	225.0	237.2	248.7	259.8	270.4	280.6	290.5	300.0	309.2	318.2	326.9	335.4	8.011	150.0

Numbers equal actual flow in US gallons/min. (GPM) thru the nozzle. (Example: 10,000 PSI @ 10.3 GPM is nozzle No. 6.5)