

# Nitrous to Fuel Flow Chart



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<b>Customer Name</b>	Nitrous Outlet Research & Development Department
<b>System Type</b>	00-10660-GEN3-SF 4500 Stinger 3 Deep Brake Bracket
<b>Bottle Configuration</b>	Single 15lb
<b>N20 Pressure</b>	950 psi
<b>Solenoids</b>	.122 N20 / .177 Fuel
<b>Nozzles/ Dist.</b>	Stinger 3
<b>Feed Line Size/Length</b>	6an 16Ft
<b>Flow Jet in Flow tool</b>	Use the fuel jet you are using in the plate. (Tune Ups were done setting pressure flowing through plate)

Stage	N20 Jet	PSI Drop	lbs 5 Sec.	N20 lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N20:Fuel Ratio	Notes
	0.035	20	0.26	187.2	52	0.026	19	5	9.7:1	
	0.035	20	0.26	187.2	52	0.026	21.4	6	8.75:1	
	0.035	20	0.26	187.2	52	0.026	23.3	7	8.03:1	Start Here
	0.035	20	0.26	187.2	52	0.026	25.1	8	7.46:1	
	0.035	20	0.26	187.2	52	0.026	26.4	9	7.09:1	
	0.035	20	0.26	187.2	52	0.026	27.7	10	6.76:1	
	0.052	23	0.49	352.8	98	0.035	37.3	5	9.46:1	
	0.052	23	0.49	352.8	98	0.035	40.6	6	8.69:1	
	0.052	23	0.49	352.8	98	0.035	44.1	7	8:1	Start Here
	0.052	23	0.49	352.8	98	0.035	46.6	8	7.57:1	
	0.052	23	0.49	352.8	98	0.035	50.1	9	7.04:1	
	0.052	23	0.49	352.8	98	0.035	52	10	6.78:1	
	0.062	29	0.67	482.4	134	0.039	47.3	5	10.2:1	
	0.062	29	0.67	482.4	134	0.039	51.2	6	9.42:1	
	0.062	29	0.67	482.4	134	0.039	55.9	7	8.63:1	
	0.062	29	0.67	482.4	134	0.039	59.9	8	8.05:1	Start Here
	0.062	29	0.67	482.4	134	0.039	64.7	9	7.46:1	

	0.062	29	0.67	482.4	134	0.039	67	10	7.2:1	
	0.064	27	0.76	547.2	152	0.043	57	5	9.6:1	
	0.064	27	0.76	547.2	152	0.043	63.2	6	8.66:1	
	0.064	27	0.76	547.2	152	0.043	68.3	7	8.01:1	Start Here
	0.064	27	0.76	547.2	152	0.043	73.6	8	7.43:1	
	0.064	27	0.76	547.2	152	0.043	77.1	9	7.1:1	
	0.064	27	0.76	547.2	152	0.043	78.8	10	6.94:1	
	0.072	27	0.89	640.8	178	0.046	67.4	5	9.51:1	
	0.072	27	0.89	640.8	178	0.046	74.6	6	8.59:1	
	0.072	27	0.89	640.8	178	0.046	80.6	7	7.95:1	Start Here
	0.072	27	0.89	640.8	178	0.046	87.6	8	7.32:1	
	0.072	27	0.89	640.8	178	0.046	91.6	9	7:1	
	0.072	27	0.89	640.8	178	0.046	93.9	10	6.82:1	
	0.078	42	1.08	777.6	216	0.050	77.1	5	10.09:1	
	0.078	42	1.08	777.6	216	0.050	84.9	6	9.16:1	
	0.078	42	1.08	777.6	216	0.050	91.3	7	8.52:1	
	0.078	42	1.08	777.6	216	0.050	98.1	8	7.93:1	Start Here
	0.078	42	1.08	777.6	216	0.050	104.7	9	7.43:1	
	0.078	42	1.08	777.6	216	0.050	108.7	10	7.15:1	
	0.082	35	1.15	828	230	0.052	81.3	5	10.18:1	
	0.082	35	1.15	828	230	0.052	91.3	6	9.07:1	
	0.082	35	1.15	828	230	0.052	98.3	7	8.42:1	Start at 7.5 Psi (8.03:1)
	0.082	35	1.15	828	230	0.052	106.4	8	7.78:1	
	0.082	35	1.15	828	230	0.052	113.8	9	7.28:1	
	0.082	35	1.15	828	230	0.052	116.5	10	7.11:1	
	0.086	39	1.26	907.2	252	0.054	94.1	5	9.64:1	

	0.086	39	1.26	907.2	252	0.054	103.5	6	8.77:1	
	0.086	39	1.26	907.2	252	0.054	113.1	7	8.02:1	Start Here
	0.086	39	1.26	907.2	252	0.054	119.9	8	7.57:1	
	0.086	39	1.26	907.2	252	0.054	124.7	9	7.28:1	
	0.086	39	1.26	907.2	252	0.054	128.1	10	7.08:1	
	0.093	45	1.42	1022.4	284	0.066	104.1	5	9.82:1	
	0.093	45	1.42	1022.4	284	0.066	114.3	6	8.94:1	
	0.093	45	1.42	1022.4	284	0.066	125.1	7	8.17:1	Start at 7.5 Psi (7.99:1)
	0.093	45	1.42	1022.4	284	0.066	132.7	8	7.7:1	
	0.093	45	1.42	1022.4	284	0.066	142.7	9	7.16:1	
	0.093	45	1.42	1022.4	284	0.066	149.8	10	6.83:1	
	0.099	53	1.62	1166.4	324	0.070	120.7	5	9.66:1	
	0.099	53	1.62	1166.4	324	0.070	134.2	6	8.69:1	
	0.099	53	1.62	1166.4	324	0.070	145.6	7	8.01:1	Start Here
	0.099	53	1.62	1166.4	324	0.070	154.4	8	7.55:1	
	0.099	53	1.62	1166.4	324	0.070	166.6	9	7:1	
	0.099	53	1.62	1166.4	324	0.070	174.1	10	6.7:1	
	0.105	57	1.8	1296	360	0.074	134.4	5	9.64:1	
	0.105	57	1.8	1296	360	0.074	148.3	6	8.74:1	
	0.105	57	1.8	1296	360	0.074	160.2	7	8.09:1	Start Here
	0.105	57	1.8	1296	360	0.074	171.5	8	7.56:1	
	0.105	57	1.8	1296	360	0.074	181.2	9	7.15:1	
	0.105	57	1.8	1296	360	0.074	192.5	10	6.73:1	
	0.110	58	1.94	1396.8	388	0.076	135.5	5	10.31:1	
	0.110	58	1.94	1396.8	388	0.076	148	6	9.44:1	
	0.110	58	1.94	1396.8	388	0.076	160.1	7	8.72:1	
	0.110	58	1.94	1396.8	388	0.076	172.9	8	8.08:1	Start Here



	No Jet	84	2.45	1764	490	0.093	176.5	5	9.99:1	
	No Jet	84	2.45	1764	490	0.093	195.5	6	9.02:1	
	No Jet	84	2.45	1764	490	0.093	213.3	7	8.27:1	Start at 7.5 Psi (8.06:1)
	No Jet	84	2.45	1764	490	0.093	228.2	8	7.73:1	
	No Jet	84	2.45	1764	490	0.093	240.9	9	7.32:1	
	No Jet	84	2.45	1764	490	0.093	256.8	10	6.87:1	