

# Nitrous to Fuel Flow Chart



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<b>Customer Name</b>	Stinger 2 Plate System with .122 Nitrous and .187 Fuel
<b>System Type</b>	Hard-Lined Stinger 2 Plate System with .122 Nitrous and .187 Fuel
<b>Bottle Configuration</b>	Single 15lb
<b>N2O Pressure</b>	950 psi
<b>Solenoids</b>	.122 Nitrous, .187 Fuel
<b>Nozzles/ Dist.</b>	Stinger 2 plate
<b>Feed Line Size/Length</b>	16 ft long -6 Hose
<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)(Flow tool only showed a .2 difference in pressure)

Stage	N2O Jet	PSI Drop	lbs 5 Sec.	N2O lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N2O:Fuel Ratio	Notes
	0.035	25	0.24	172.8	48	0.024	16	5	10.8:1	
	0.035	25	0.24	172.8	48	0.024	20.1323	6	8.5:1	
	0.035	25	0.24	172.8	48	0.024	22.3692	7	7.7:1	Start Here
	0.035	25	0.24	172.8	48	0.024	23.4877	8	7.3:1	
	0.035	25	0.24	172.8	48	0.024	24.6061	9	7:1	
	0.035	25	0.24	172.8	48	0.024	25.7246	10	6.7:1	
	0.052	38	0.51	367.2	102	0.035	38.0276	5	9.6:1	
	0.052	38	0.51	367.2	102	0.035	42.5015	6	8.6:1	
	0.052	38	0.51	367.2	102	0.035	45.8569	7	8:1	Start Here
	0.052	38	0.51	367.2	102	0.035	48.0938	8	7.6:1	
	0.052	38	0.51	367.2	102	0.035	50.3307	9	7.3:1	
	0.052	38	0.51	367.2	102	0.035	53.6861	10	6.8:1	
	0.062	37	0.72	518.4	144	0.040	58.1599	5	8.9:1	
	0.062	37	0.72	518.4	144	0.040	62.6338	6	8.2:1	
	0.062	37	0.72	518.4	144	0.040	67.1076	7	7.7:1	Start Here
	0.062	37	0.72	518.4	144	0.040	71.5814	8	7.2:1	
	0.062	37	0.72	518.4	144	0.040	76.0553	9	6.8:1	

	0.062	37	0.72	518.4	144	0.040	80.5291	10	6.4:1	
	0.078	49	1.07	770.4	214	0.050	80.5291	5	9.5:1	
	0.078	49	1.07	770.4	214	0.050	87.2399	6	8.8:1	
	0.078	49	1.07	770.4	214	0.050	93.9506	7	8.2:1	Start Here
	0.078	49	1.07	770.4	214	0.050	98.4245	8	7.8:1	
	0.078	49	1.07	770.4	214	0.050	105.135	9	7.3:1	
	0.078	49	1.07	770.4	214	0.050	109.609	10	7:1	
	0.082	46	1.16	835.2	232	0.058	87.2399	5	9.5:1	
	0.082	46	1.16	835.2	232	0.058	96.1876	6	8.6:1	
	0.082	46	1.16	835.2	232	0.058	105.135	7	7.9:1	Start Here
	0.082	46	1.16	835.2	232	0.058	114.083	8	7.3:1	
	0.082	46	1.16	835.2	232	0.058	120.794	9	6.9:1	
	0.082	46	1.16	835.2	232	0.058	127.504	10	6.5:1	
	0.093	63	1.44	1036.8	288	0.066	105.135	5	9.8:1	
	0.093	63	1.44	1036.8	288	0.066	115.201	6	9:1	
	0.093	63	1.44	1036.8	288	0.066	125.268	7	8.2:1	Start Here
	0.093	63	1.44	1036.8	288	0.066	134.215	8	7.7:1	
	0.093	63	1.44	1036.8	288	0.066	143.163	9	7:24	
	0.093	63	1.44	1036.8	288	0.066	149.874	10	6.9:1	
	0.099	53	1.57	1130.4	314	0.072	114.083	5	9.9:1	
	0.099	53	1.57	1130.4	314	0.072	127.504	6	8.8:1	
	0.099	53	1.57	1130.4	314	0.072	138.689	7	8.1:1	Start Here
	0.099	53	1.57	1130.4	314	0.072	149.874	8	7.5:1	
	0.099	53	1.57	1130.4	314	0.072	161.058	9	7:1	
	0.099	53	1.57	1130.4	314	0.072	167.769	10	6.7:1	
	0.105	64	1.85	1332	370	0.080	138.689	5	9.6:1	

	0.105	64	1.85	1332	370	0.080	152.111	6	8.7:1	
	0.105	64	1.85	1332	370	0.080	165.532	7	8:1	Start Here
	0.105	64	1.85	1332	370	0.080	176.717	8	7.5:1	
	0.105	64	1.85	1332	370	0.080	187.901	9	7:1	
	0.105	64	1.85	1332	370	0.080	201.323	10	6.6:2	
	0.110	66	1.95	1404	390	0.088	149.874	5	9.3:1	
	0.110	66	1.95	1404	390	0.088	165.532	6	8.4:1	
	0.110	66	1.95	1404	390	0.088	178.954	7	7.8:1	Start Here
	0.110	66	1.95	1404	390	0.088	192.375	8	7.3:1	
	0.110	66	1.95	1404	390	0.088	203.56	9	6.9:1	
	0.110	66	1.95	1404	390	0.088	216.981	10	6.4:1	
	0.116	70	2.11	1519.2	422	0.093	152.111	5	9.9:1	
	0.116	70	2.11	1519.2	422	0.093	170.006	6	8.9:1	
	0.116	70	2.11	1519.2	422	0.093	185.664	7	8.1:1	Start Here
	0.116	70	2.11	1519.2	422	0.093	199.086	8	7.6:1	
	0.116	70	2.11	1519.2	422	0.093	216.981	9	7:1	
	0.116	70	2.11	1519.2	422	0.093	225.929	10	6.7:1	
	0.125	89	2.18	1569.6	436	0.099	165.532	5	9.4:1	
	0.125	89	2.18	1569.6	436	0.099	185.664	6	8.4:1	
	0.125	89	2.18	1569.6	436	0.099	201.323	7	7.8:1	Start Here
	0.125	89	2.18	1569.6	436	0.099	215.863	8	7.2:1	
	0.125	89	2.18	1569.6	436	0.099	230.403	9	6.8:1	
	0.125	89	2.18	1569.6	436	0.099	246.061	10	6.3:1	
	0.136	110	2.32	1670.4	464	0.105	174.48	5	9.5:1	
	0.136	110	2.32	1670.4	464	0.105	192.375	6	8.6:1	
	0.136	110	2.32	1670.4	464	0.105	210.27	7	7.9:1	Start Here
	0.136	110	2.32	1670.4	464	0.105	224.81	8	7.4:1	

