

Nitrous to Fuel Flow Chart



5427 N. State HWY 6 • STE 1 • Waco, TX • 76712
254.848.4300 • www.nitrousoutlet.com

Customer Name	Nitrous Outlet Research & Development Development
System Type	00-10656-GEN3-SF Race 4500 Stinger 3 Boomerang Bracket
Bottle Configuration	Single 15lb
N2O Pressure	950 Psi
Solenoids	.178 N2O & .310 Fuel
Nozzles/ Dist.	Stinger 3
Feed Line Size/Length	6an 16FT
Flow Jet in Flow tool	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	7	0.24	172.8	48	0.024	17	5	10.11:1	
	0.035	7	0.24	172.8	48	0.024	18.1	6	9.55:1	
	0.035	7	0.24	172.8	48	0.024	20.2	7	8.55:1	
	0.035	7	0.24	172.8	48	0.024	21.7	8	7.96:1	Start Here
	0.035	7	0.24	172.8	48	0.024	23.2	9	7.45:1	
	0.035	7	0.24	172.8	48	0.024	24.4	10	7.08:1	
	0.052	30	0.53	381.6	106	0.035	36.9	5	10.34:1	
	0.052	30	0.53	381.6	106	0.035	40.6	6	9.4:1	
	0.052	30	0.53	381.6	106	0.035	43.9	7	8.69:1	
	0.052	30	0.53	381.6	106	0.035	47.4	8	8.05:1	Start Here
	0.052	30	0.53	381.6	106	0.035	50.1	9	7.62:1	
	0.052	30	0.53	381.6	106	0.035	51.2	10	7.45:1	
	0.062	22	0.69	496.8	138	0.038	48.1	5	10.33:1	
	0.062	22	0.69	496.8	138	0.038	52.4	6	9.48:1	
	0.062	22	0.69	496.8	138	0.038	56.7	7	8.76:1	
	0.062	22	0.69	496.8	138	0.038	61	8	8.14:1	Start Here
	0.062	22	0.69	496.8	138	0.038	64.9	9	7.65:1	

	0.062	22	0.69	496.8	138	0.038	67.9	10	7.32:1	
	0.064	35	0.77	554.4	154	0.043	57.4	5	9.66:1	
	0.064	35	0.77	554.4	154	0.043	63.4	6	8.74:1	
	0.064	35	0.77	554.4	154	0.043	68.5	7	8.09:1	Start Here
	0.064	35	0.77	554.4	154	0.043	73.9	8	7.5:1	
	0.064	35	0.77	554.4	154	0.043	75.8	9	7.31:1	
	0.064	35	0.77	554.4	154	0.043	77.9	10	7.12:1	
	0.072	41	0.95	684	190	0.048	72.1	5	9.49:1	
	0.072	41	0.95	684	190	0.048	79.7	6	8.58:1	
	0.072	41	0.95	684	190	0.048	85.9	7	7.96:1	Start Here
	0.072	41	0.95	684	190	0.048	89.9	8	7.61:1	
	0.072	41	0.95	684	190	0.048	92.4	9	7.4:1	
	0.072	41	0.95	684	190	0.048	94.5	10	7.24:1	
	0.078	33	1.03	741.6	206	0.050	77.6	5	9.56:1	
	0.078	33	1.03	741.6	206	0.050	84.6	6	8.77:1	
	0.078	33	1.03	741.6	206	0.050	92.4	7	8.03:1	Start Here
	0.078	33	1.03	741.6	206	0.050	99.7	8	7.44:1	
	0.078	33	1.03	741.6	206	0.050	105.3	9	7.04:1	
	0.078	33	1.03	741.6	206	0.050	108.3	10	6.85:1	
	0.082	38	1.18	849.6	236	0.052	83.4	5	10.19:1	
	0.082	38	1.18	849.6	236	0.052	89.8	6	9.46:1	
	0.082	38	1.18	849.6	236	0.052	99.1	7	8.57:1	
	0.082	38	1.18	849.6	236	0.052	106.2	8	8:1	Start Here
	0.082	38	1.18	849.6	236	0.052	114.1	9	7.45:1	
	0.082	38	1.18	849.6	236	0.052	116.7	10	7.28:1	
	0.086	43	1.26	907.2	252	0.054	94.2	5	9.63:1	

	0.086	43	1.26	907.2	252	0.054	104.6	6	8.67:1	
	0.086	43	1.26	907.2	252	0.054	113.5	7	7.99:1	Start Here
	0.086	43	1.26	907.2	252	0.054	121.3	8	7.48:1	
	0.086	43	1.26	907.2	252	0.054	125.6	9	7.22:1	
	0.086	43	1.26	907.2	252	0.054	129	10	7.03:1	
	0.093	40	1.43	1029.6	286	0.066	106.3	5	9.69:1	
	0.093	40	1.43	1029.6	286	0.066	117.7	6	8.75:1	
	0.093	40	1.43	1029.6	286	0.066	128.1	7	8.04:1	Start Here
	0.093	40	1.43	1029.6	286	0.066	136.7	8	7.53:1	
	0.093	40	1.43	1029.6	286	0.066	146.7	9	7.02:1	
	0.093	40	1.43	1029.6	286	0.066	154.7	10	6.66:1	
	0.099	57	1.62	1166.4	324	0.068	117.8	5	9.9:1	
	0.099	57	1.62	1166.4	324	0.068	128.2	6	9.1:1	
	0.099	57	1.62	1166.4	324	0.068	139.4	7	8.37:1	Start at 7.5 psi (8.03:1)
	0.099	57	1.62	1166.4	324	0.068	150.6	8	7.75:1	
	0.099	57	1.62	1166.4	324	0.068	159.2	9	7.33:1	
	0.099	57	1.62	1166.4	324	0.068	168.2	10	6.93:1	
	0.105	62	1.87	1346.4	374	0.074	140.3	5	9.6:1	
	0.105	62	1.87	1346.4	374	0.074	153.3	6	8.78:1	
	0.105	62	1.87	1346.4	374	0.074	166.6	7	8.08:1	Start Here
	0.105	62	1.87	1346.4	374	0.074	178.2	8	7.56:1	
	0.105	62	1.87	1346.4	374	0.074	190.2	9	7.08:1	
	0.105	62	1.87	1346.4	374	0.074	200.5	10	6.72:1	
	0.110	65	1.92	1382.4	384	0.078	145.4	5	9.51:1	
	0.110	65	1.92	1382.4	384	0.078	160.8	6	8.6:1	
	0.110	65	1.92	1382.4	384	0.078	172.5	7	8.01:1	Start Here
	0.110	65	1.92	1382.4	384	0.078	184.9	8	7.48:1	

	No Jet	102	3.12	2246.4	624	0.105	220.2	5	10.2:1	
	No Jet	102	3.12	2246.4	624	0.105	241.7	6	9.29:1	
	No Jet	102	3.12	2246.4	624	0.105	263.1	7	8.54:1	
	No Jet	102	3.12	2246.4	624	0.105	274.4	8	8.19:1	Start Here
	No Jet	102	3.12	2246.4	624	0.105	301.2	9	7.46:1	
	No Jet	102	3.12	2246.4	624	0.105	320.1	10	7.02:1	