

Nitrous to Fuel Flow Chart



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Customer Name	Stinger 4 Race Boomerang Bracket
System Type	Stinger 4 Race Boomerang Bracket
Bottle Configuration	Single 15 LB With .508 ID Valve
N2O Pressure	950 PSI
Solenoids	.178 Nitrous & .310 Fuel
Nozzles/ Dist.	Stinger 4 Plate
Feed Line Size/Length	6ft 6 AN
Flow Jet in Flow tool	Set Flowing Fuel Pressure With Fuel Jet That Is In Plate

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	10	0.26	187.2	52	0.025	19	5	9.85:1	
	0.035	10	0.26	187.2	52	0.025	21	6	8.91:1	
	0.035	10	0.26	187.2	52	0.025	23	7	8.14:1	Start Here
	0.035	10	0.26	187.2	52	0.025	24	8	7.8:1	
	0.035	10	0.26	187.2	52	0.025	25	9	7.49:1	
	0.035	10	0.26	187.2	52	0.025	27	10	6.93:1	
	0.052	18	0.55	396	110	0.036	39	5	10.15:1	
	0.052	18	0.55	396	110	0.036	43	6	9.21:1	
	0.052	18	0.55	396	110	0.036	47	7	8.43:1	
	0.052	18	0.55	396	110	0.036	50	8	7.92:1	Start Here
	0.052	18	0.55	396	110	0.036	52	9	7.62:1	
	0.052	18	0.55	396	110	0.036	53	10	7.47:1	
	0.062	21	0.68	489.6	136	0.039	50	5	9.79:1	
	0.062	21	0.68	489.6	136	0.039	55	6	8.9:1	
	0.062	21	0.68	489.6	136	0.039	60	7	8.16:1	Start Here
	0.062	21	0.68	489.6	136	0.039	63	8	7.77:1	
	0.062	21	0.68	489.6	136	0.039	67	9	7.31:1	

	0.062	21	0.68	489.6	136	0.039	69	10	7.1:1	
	0.064	28	0.77	554.4	154	0.042	58	5	9.56:1	
	0.064	28	0.77	554.4	154	0.042	63	6	8.8:1	
	0.064	28	0.77	554.4	154	0.042	69	7	8.03:1	Start Here
	0.064	28	0.77	554.4	154	0.042	73	8	7.59:1	
	0.064	28	0.77	554.4	154	0.042	75	9	7.39:1	
	0.064	28	0.77	554.4	154	0.042	77	10	7.2:1	
	0.072	34	0.93	669.6	186	0.045	69	5	9.7:1	
	0.072	34	0.93	669.6	186	0.045	75	6	8.93:1	
	0.072	34	0.93	669.6	186	0.045	79	7	8.48:1	
	0.072	34	0.93	669.6	186	0.045	82	8	8.17:1	Start Here
	0.072	34	0.93	669.6	186	0.045	84	9	7.97:1	
	0.072	34	0.93	669.6	186	0.045	86	10	7.79:1	
	0.078	34	1.04	748.8	208	0.050	83	5	9.02:1	
	0.078	34	1.04	748.8	208	0.050	89	6	8.41:1	
	0.078	34	1.04	748.8	208	0.050	97	7	7.72:1	Start at 6.5 psi = 93 PPH (8.05:1)
	0.078	34	1.04	748.8	208	0.050	105	8	7.13:1	
	0.078	34	1.04	748.8	208	0.050	110	9	6.81:1	
	0.078	34	1.04	748.8	208	0.050	114	10	6.57:1	
	0.082	33	1.17	842.4	234	0.052	92	5	9.16:1	
	0.082	33	1.17	842.4	234	0.052	100	6	8.42:1	
	0.082	33	1.17	842.4	234	0.052	108	7	7.8:1	Start at 6.5 psi = 103 PPH (8.18:1)
	0.082	33	1.17	842.4	234	0.052	114	8	7.39:1	
	0.082	33	1.17	842.4	234	0.052	118	9	7.14:1	
	0.082	33	1.17	842.4	234	0.052	121	10	6.96:1	
	0.086	40	1.29	928.8	258	0.054	94	5	9.88:1	

	0.086	40	1.29	928.8	258	0.054	104	6	8.93:1	
	0.086	40	1.29	928.8	258	0.054	112	7	8.29:1	Start at 7.5 psi = 115 PPH (8.07:1)
	0.086	40	1.29	928.8	258	0.054	120	8	7.74:1	
	0.086	40	1.29	928.8	258	0.054	124	9	7.49:1	
	0.086	40	1.29	928.8	258	0.054	127	10	7.31:1	
	0.093	45	1.47	1058.4	294	0.060	108	5	9.8:1	
	0.093	45	1.47	1058.4	294	0.060	117	6	9.05:1	
	0.093	45	1.47	1058.4	294	0.060	128	7	8.27:1	Start Here
	0.093	45	1.47	1058.4	294	0.060	138	8	7.67:1	
	0.093	45	1.47	1058.4	294	0.060	147	9	7.2:1	
	0.093	45	1.47	1058.4	294	0.060	155	10	6.83:1	
	0.099	48	1.61	1159.2	322	0.070	123	5	9.42:1	
	0.099	48	1.61	1159.2	322	0.070	134	6	8.65:1	
	0.099	48	1.61	1159.2	322	0.070	146	7	7.94:1	Start Here
	0.099	48	1.61	1159.2	322	0.070	155	8	7.48:1	
	0.099	48	1.61	1159.2	322	0.070	164	9	7.07:1	
	0.099	48	1.61	1159.2	322	0.070	174	10	6.66:1	
	0.105	54	1.8	1296	360	0.072	127	5	10.2:1	
	0.105	54	1.8	1296	360	0.072	140	6	9.26:1	
	0.105	54	1.8	1296	360	0.072	152	7	8.53:1	
	0.105	54	1.8	1296	360	0.072	162	8	8:1	Start Here
	0.105	54	1.8	1296	360	0.072	173	9	7.49:1	
	0.105	54	1.8	1296	360	0.072	180	10	7.2:1	
	0.110	56	1.9	1368	380	0.074	147	5	9.31:1	
	0.110	56	1.9	1368	380	0.074	162	6	8.44:1	
	0.110	56	1.9	1368	380	0.074	173	7	7.91:1	Start Here
	0.110	56	1.9	1368	380	0.074	187	8	7.32:1	

	No Jet	84	2.9	2088	580	0.116	208	5	10.04:1	Requires Special Plate Fitting
	No Jet	84	2.9	2088	580	0.116	232	6	9:1	
	No Jet	84	2.9	2088	580	0.116	251	7	8.32:1	
	No Jet	84	2.9	2088	580	0.116	267	8	7.82:1	Start Here
	No Jet	84	2.9	2088	580	0.116	286	9	7.3:1	
	No Jet	84	2.9	2088	580	0.116	300	10	6.96:1	